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The Minnesota Student Characteristics and Occupationally Related Education (MINI-SCORE) Project was established to obtain comprehensive basic test and personal data on all applicants to the area vocational-technical schools of Minnesota, and to analyze the data to determine which and how much of each basic element could be useful to the counselor in the guidance process. This publication provides some initial distributions of scores on the General Aptitude Test Battery (GATB) B-1002 Form B on groups of sufficient size to make them meaningful. The norms presented in this report were developed with the data obtained from students who were accepted into and graduated from programs offered in cooperating post-high school area vocational-technical schools of Minnesota. Therefore the norms which have been developed are in reference to persons who are successful in training rather than to persons who are successful on the job. The norms are reported by three methods, percentiles, stanines, and centours. (CH)

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OFFICE OF EDUCATION

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GENERAL APTITUDE TEST BATTERY (B-1002 Form B)

TRAINING SUCCESS NORMS 1

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Project MINI-SCORE
(Minnesota Student Characteristics and
Occupationally Related Education)
Department of Industrial Education. 1
University of Minnesota Univ, Minneapolis,
3
February, 1969

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Foreword

When the MINI-SCORE project was initially conceived in 1965, there existed no systematic plan of data gathering on applicants to the Area Vocational-Technical Schools of Minnesota. At that time, very few schools even employed trained counselors and those which had them permitted the utmost freedom of action in the admission process.

As a result, virtually none of the data gathered on applicants to these Schools could be put together into massed data of a type which could be analyzed in any logical fashion. And yet, as the number of Area Schools increased and the number of student applicants multiplied, some systematic study of the essential needs of the guidance process had to be made. When it became apparent to the Principal Investigator in 1965 that there existed no data of consequence for counselor use, and none was forthcoming, Project MINI-SCORE was conceived.

Its major objective was to obtain comprehensive basic test and personal data on all applicants to the Area Schools and then analyze these data to determine which and how much of each basic element could be useful to the counselor in the guidance process. The ultimate outcomesof MINI-SCORE will be based upon those successful students who have completed training programs and have then taken a job in the field (or closely related field) for which trained.

The present release provides some initial distributions of scores on the GATB B-1002 form B on groups of sufficient size to make them meaningful. The user should be cognizant of the fact that these scores are for those who have graduated from various courses, but nothing more. Ultimately, there will be distributions of this type for graduates who have been successful employees for one year. There will also be distributions of similar type possible for all of the major test instruments employed in the study as well as expectancy tables and similar data summaries.

Eventually, all findings of consequence from this study will become available for use by counselors in Minnesota and elsewhere. This is the purpose of Project MINI-SCORE.

Howard F. Nelson
Principal Investigator

PROJECT MINI-SCORE[1]

Project MINI-SCORE (Minnesota Student Characteristics and Occupationally Related Education) was begun at the University of Minnesota in 1966 in an attempt to study the problem of selecting and counseling vocational students for post-high school vocational programs. The Project is a six year project funded by the U.S. Office of Education which is being conducted by two staff members of the Department of Industrial Education, University of Minnesota. The primary purpose of the project is to identify criteria which are useful to counselors and others in the counseling of post-high school vocational-technical students as they seek to pursue specific vocational-technical curricula. Data are gathered through comprehensive measurement of basic competencies and selected characteristics. The data are being analyzed to determine which and how much of each element is useful to the process of selecting and admitting applicants to the full time vocational-technical courses offered in the area vocational-technical schools of Minnesota.

The project has been divided into four overlapping phases. Phase one involves testing all applicants to the full-time, day trade programs conducted in the area vocational-technical schools of the state of Minnesota. Data are being gathered from all applicants to 60 relatively homogeneous groups of training programs (See Appendix A for a listing of these clusters). The data gathering instruments consist of: (1) a personal information sheet, (2) the written portions of the GATB B-1002 form B, (3) the Minnesota Vocational Interest Inventory (MVII), (4) the Minnesota Importance Questionnaire (MIQ), and (5) the Vocational Development Inventory (VDI). Minnesota Scholastic Aptitude Test (MSAT) scores are obtained from the Minnesota Statewide Testing Program since virtually all high school students in Minnesota take the test during their junior year.

Phase two of the project involves keeping accurate records on each of the individuals tested to determine what happens to them after testing. For example, are they accepted in an area vocational-technical school or are they rejected? If accepted, do they leave the program before completion or do they graduate?

The follow-up or Phase three of the project occurs twelve months after students graduate from one of the full-time programs of the area vocational-technical schools. These students as well as their employers are contacted to determine the extent to which they have become successful employees.

Phase four of the project will provide for the analysis of the data and writing the final report.

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[1] Project MINI-SCORE (Minnesota Student Characteristics and Occupationally Related Education) is supported by a grant with the Division of Comprehensive and Vocational Research, Office of Education, U.S. Department of Health, Education, and Welfare under the formal title "The Characteristics of Full-time Students in Post Secondary Trade Schools." Grant no. OEG-0-9-685078-0770(085)

During the past two years, project personnel have established the necessary machinery to test applicants to the area vocational-technical schools and to process the test data. Approximately 17,500 applicants have been tested and their test data are being processed. To date, training success information on about 4,000 students who were accepted into the area vocational-technical schools has also been gathered. Employee and employer follow-up procedures have been developed and were put into operation during the summer of 1968.

THE GENERAL APTITUDE TEST BATTERY (GATB, B-1002) AND ITS EMPLOYMENT SERVICE USE[2]

Development

The General Aptitude Test Battery was developed primarily to be used for the evaluation of occupational potentialities. Prior to its development, the United States Employment Service (USES) experimentally developed approximately 100 separate tests to measure the various abilities that seemed related to success in different occupations. Each time the study of a different occupation was undertaken, new tests were devised if the job analysis of that occupation indicated that some ability seemed to be important and the present store of USES tests did not already include such a test. Each test was constructed with items that were as homogeneous as possible with regard to the abilities they seemed to measure and varied in difficulty. Over a period of time, many tests were developed composed of items such as arithmetic, vocabulary and form perception. In addition, certain apparatus tests were developed. Through the process of factor analysis, 11 paper and pencil tests and four apparatus tests were selected from the original group of tests as the best measures of 10 factors or abilities. These tests formed the first edition of the GATB, B-1001. Thus, through the development of the GATB, it became possible to measure most of the major abilities represented in the entire stock of USES tests which were related to many jobs.

The present form of the GATB, designated as B-1002, is the original GATB converted to a separate answer sheet form that includes 12 tests measuring nine aptitudes. Two forms of the B-1002 edition are available which are designated as Form A and Form B with different answer sheets, scoring stencils and aptitude score conversion tables. The two forms differ only in the sampling of items in Parts 1 through 7.

Tests and Aptitudes Measured

The following tests and the aptitude or aptitudes measured by each are included in the GATB, B-1002, Forms A and B.

Part 1 - Name Comparison
The examinee inspects the names appearing in two adjacent columns of names and indicates whether the names are the same or different. Measures Clerical Perception.

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[2] The information in this section was abstracted from: Manual for the General Aptitude Test Battery: Section III Development, United States Department of Labor, Washington, D. C., October, 1967.

Part 2 - Computation
The test consists of arithmetic exercises requiring the addition, subtraction, multiplication or division of whole numbers. Measures Numerical Aptitude.

Part 3 - Three Dimensional Space
The examinee is given a two dimensional stimulus figure containing bent lines and four three dimensional response figures. The examinee indicates which of the four response figures can be made from the stimulus figure. Measures Intelligence and Spatial Aptitude.

Part 4 - Vocabulary
The examinee is given sets of four words and must indicate which two words of each set have either the same or opposite meanings. Measures Intelligence and Verbal Aptitude.

Part 5 - Tool Matching
Examinee is given a stimulus drawing and four black and white response drawings and must indicate which black and white drawing is the same as the stimulus drawing. Measures Form Perception.

Part 6 - Arithmetic Reasoning
Examinee must solve verbally expressed arithmetic problems. Measures Intelligence and Numerical Aptitude.

Part 7 - Form Matching
Examinee is given a stimulus and response group of variously shaped line drawings. He must indicate which response figure is exactly the same size and shape as each figure of the stimulus group. Measures Form Perception.

Part 8 - Mark Making
Examinee must draw two vertical and one horizontal line beneath the two vertical lines on a series of squares working as rapidly as possible. Measures Motor Coordination.

Part 9 - Place
Examinee moves two pegs simultaneously, one in each hand, from an upper pegboard area to corresponding holes located in the lower area of the same pegboard in three timed trials. Measures Manual Dexterity.

Part 10 - Turn
Using the lower section of the pegboard, the examinee removes a peg, turns it over and places the opposite end of the peg into the hole from which it was removed using his preferred hand. Three timed trials are given. Measures Manual Dexterity.

Part 11 - Assemble
The examinee is given rivets, washers and a finger dexterity board. Using his preferred hand, he removes a rivet from the upper segment of the board, assembles a washer on the rivet, and places the assembly in the corresponding hole in the lower segment of the pegboard. One timed trial is given. Measures Finger Dexterity.

Part 12 - Disassemble
The examinee is required to disassemble completed assemblies of rivets and washers in a manner opposite to those actions required for Part 11. One timed trial is given. Measures Finger Dexterity.

The nine aptitudes measured by the GATB B-1002 and the definitions of these aptitudes are stated below. The letter symbol used to identify the aptitude preceeds each aptitude name.

Aptitude G - Intelligence
General learning ability. The ability to "catch on" or understand instructions and underlying principles; the ability to reason and make judgments. Closely related to doing well in school. Measured by Parts 3, 4 and 6.

Aptitude V - Verbal Aptitude
The ability to understand the meaning of words and to use them effectively. The ability to comprehend language, to understand relationships between words and to understand meanings of whole sentences and paragraphs. Measured by Part 4.

Aptitude N - Numerical Aptitude
Ability to perform arithmetic operations quickly and accurately. Measured by Parts 2 and 6.

Aptitude S - Spatial Aptitude
Ability to think visually of geometric forms and to comprehend the two-dimensional representation of three-dimensional objects. The ability to recognize the relationships resulting from the movement of objects in space. Measured by Part 3.

Aptitude P - Form Perception
Ability to perceive pertinent detail in objects or in pictorial or graphic material. Ability to make visual comparisons and discriminations and to see slight differences in shapes and shadings of figures and widths and lengths of lines. Measured by Parts 5 and 7.

Aptitude Q - Clerical Perception
Ability to perceive pertinent detail in verbal or tabular material. Ability to observe differences in copy, to proofread words and numbers, and to avoid perceptual errors in arithmetic computation. Measured by Part 1

Aptitude K - Motor Coordination
Ability to coordinate eyes and hands or fingers rapidly and accurately in making precise movements with speed. Ability to make a movement response accurately and swiftly. Measured by Part 8.

Aptitude F - Finger Dexterity
Ability to move the fingers and manipulate small objects with the fingers, rapidly or accurately. Measured by Parts 11 and 12.

Aptitude M - Manual Dexterity
Ability to move the hands easily and skillfully. Ability to work with the hands in placing and turning motions. Measured by Parts 9 and 10.

Use by United States Employment Service

GATB norms have been determined for adults and for high school grades 9 and 10. They have been established to appraise the aptitudes required in a large variety of occupations. Employment Service individual occupational norms for the GATB are classified in terms of an Occupational Aptitude Pattern (OAP) structure. The OAP norm structure includes various combinations of the nine aptitudes measured by the GATB B-1002. These norms (OAP's) have been validated on the basis of data collected on various occupational groups. Each OAP for a given occupation or group of occupations having similar aptitude requirements consists of the most significant aptitudes and minimum cut off scores on these aptitudes. Individual performance on the GATB is evaluated in terms of the OAP's through the use of conversion tables.

Although the validity of the GATB has been established for many current occupational fields, there still remain many emerging occupations for which occupational norms have not yet been established. Test and occupational data are continually being obtained and additional occupations are being added to the norm structure while outdated norm structures are being removed.

The GATB tests and aptitudes possess substantial correlations with other tests which sample the same abilities. For example, the Spatial Aptitude of the GATB has high correlations with the spatial components of the DAT, the Primary Mental Abilities and the Revised Minnesota Paper Form Board. The GATB Verbal Aptitude correlates highly with the DAT Verbal test and Vocabulary subtest of the Cooperative English Test. Many of the correlations between these similar ability tests exceed .70.

Correlations are quite low in studies in which the GATB aptitudes are correlated with the Minnesota Vocational Interest Inventory or the Kuder Preference Record.

Further information regarding the Occupational Aptitude Patterns and the GATB correlations with specific tests can be found in the Manual for the General Aptitude Test Battery, Section III: Development (1967).

Reliability studies have been conducted with the GATB under test, retest conditions with the second testing usually producing an increase in aptitude test scores. Results of these studies, however, indicate that the aptitudes of the GATB are measured reliably in the types of situations in which the battery is commonly used. These studies were conducted with samples from high school, college and adult populations using test, retest intervals ranging from one week to one year. Reliability coefficients for most of the aptitudes were in the range from .80 to .90. A practice effect was consistently observed for all aptitudes. The mean score increases often exceeded 10 points for some aptitudes, a fact which should be noted by persons who may be involved with interpreting retest scores.

DEVELOPMENT OF PROJECT MINI-SCORE TRAINING NORMS

Occupational Groups and GATB B-1002 Form B Tests Used in Developing the Norms

Project MINI-SCORE has gathered data on 60 different occupational training program groups. The training programs were grouped by personnel from the Minnesota State Department of Vocational Education and the Department of Industrial Education at the University of Minnesota into relatively homogeneous groupings. In many cases the specific titles given to training programs in a given group are different but the training programs are relatively the same. Each of the group names and the specific titles of training programs falling into a group can be found in Appendix A.

Due to test administration time limitations and previous research which indicated that manipulative performance tests do not effectively predict training or job success, only the written portions of the GATB were used in the study. Both Ghiselli (1966) and Prediger (1968) concluded, after they reviewed many studies concerned with predicting adult and high school vocational training program success respectively,that manual dexterity and motor ability have little predictive power. Ghiselli also came to the same conclusion concerning these abilities and job success.

Population

The norms included in this report were developed with data obtained from students who were accepted to and graduated from programs offered in the cooperating post-high school area vocational-technical schools of Minnesota during the period from September 1, 1966, until June, 1968, on whom data had been reported and processed at the time the norms were developed. Therefore, the norms which have been developed are in reference to persons who are successful in training and not on the job. Some of the students had taken the GATB B-1002 form A through the Employment Service prior to applying to the schools and taking form B. Norm tables have been prepared only for those occupational groups for which at least 65 individual sets of data were available. The actual sample used in developing each norm table is indicated on the table.

The initial printing of the Project MINI-SCORE GATB, B-1002 Form B training norms contains data on eleven different occupational or curriculum groups. Additional sets of norms will be published as more data become available. These occupational groups have been clustered into two clusters based on a study of profile similarities using the seven GATB aptitudes derived from the written tests. (Pucel and Nelson, 1968). The profiles of occupations in a given cluster are more similar to each other than they are to profiles in another cluster. The two clusters are as follows:

Cluster I

1. Automotive
2. Carpentry
3. Machine Shop
4. Mechanical Drafting and Design
5. Power and Home Electricity
6. Welding

Cluster II

1. Accounting
2. Clerical Training
3. Cosmetology
4. Practical Nursing
5. Secretarial Training

An examination of cluster one indicates that cluster one contains occupations we typically refer to as trade and industrial occupations that are usually entered by men. Cluster two appears to contain occupations which are related to business and social service and are often entered by women.

Methods of Reporting the Norms

Three methods of reporting the norms were selected: (1) percentiles, (2) stanines, and (3) centours. Percentiles and stanines were selected because they are the standard methods that have been used by most of the developers of the instruments utilized in Project MINI-SCORE. A percentile is defined as a point (score) in a distribution below which the per cent of cases indicated by the given percentile fall. Thus, the 15th percentile denotes the score or point below which 15 per cent of the scores fall. A stanine is defined as one of the steps in a nine-point scale of normalized standard scores. The stanine (short for standard-nine) scale has values from 1 to 9, with a mean of 5, and a standard deviation of 2.

The centour method (Rulon, et al, 1967) was selected as the third method because of the logic underlying its development and its generalizability to condensing knowledge of many variables into one interpretable score. The centour method is based on the premise that it is equally undesirable to have too little or too much of a given aptitude or trait as compared with successful people in an occupation. In general, one who is going to be most satisfied and successful in an occupation is one who is "like" the majority of others who are successful in that occupation. The centour score is based upon a normal distribution of scores which is an estimate of a population of scores obtained from a sample criterion group. Therefore, the centour score does not represent the actual number of persons in the actual sample criterion group who are more extreme, but the number of persons in the estimated normalized population of scores which would be more extreme. A centour score of 75 would indicate that an individual had a score or particular combination of scores which is closer to the average of a normal population of successful persons in that occupation than 75 per cent of the population of successful workers in that occupation. In other words, only 25 per cent of the people in the population would achieve a score or combination of scores which was closer to the average score or scores than he was. The number of variables used in the calculation of one centour score is limited only by logical interpretation. In other words, if 25 relatively independent measures were related to success in a given occupation, one could calculate one centour score which would condense the information on all 25 measures.

Using the three methods of norm representation, norms based on persons who have successfully completed training have been established for each of the occupational training groups contained in the two clusters which have been described. Each occupational group has one table based on raw part scores for each of the eight written parts or tests in the GATB B-1002 form B, and one table based on each of the aptitude scores obtainable from the written portions of the GATB. Each of the tables contains the scores given by persons in each group with the percentile, stanine and centour associated with each of the scores. The tables based on the raw scores for each of the eight written parts of the GATB can be found in Appendix B. The tables based upon the seven aptitudes obtainable from the written parts of the GATB can be found in Appendix C.

INTERPRETING THE NORMS

Cautions

As with the interpretation of any norms that are to be used in the counseling process, persons using the norms are cautioned against using them as absolutes. They should be used as counseling tools by qualified personnel. As indicated earlier, the norms presented in this publication have been developed on the basis of successful graduates from training programs. One would logically expect they would also have relevance to job success, but such a relationship is not guaranteed.

A further caution is to remind users that the norms included in this publication are based upon GATB B-1002 form B using the National Computer Systems (NCS) answer sheet. Raw part scores which are the raw scores obtained from the separate tests or parts of the GATB are not identical when using NCS and IBM answer sheets. However, scores obtained from the NCS and IBM answer sheets are both adjusted to the same scale with a mean of 100 and a standard deviation of 20 through converting them to converted scores when obtaining aptitude scores. It would appear, therefore, that aptitude scores derived from the NCS and IBM answer sheets should be virtually equivalent. REMEMBER, RAW PART SCORES OBTAINED FROM NCS AND IBM ANSWER SHEETS ARE NOT EQUIVALENT. THE NORMS PRESENTED IN THIS PUBLICATION WERE DEVELOPED USING THE NCS ANSWER SHEET. APTITUDE SCORES OBTAINED THROUGH USING THE NCS OR IBM ANSWER SHEETS ARE SUPPOSEDLY EQUIVALENT.

Advantages of Using Raw Part Scores or Aptitude Scores

There are both advantages as well as disadvantages in using raw part score norms or in using aptitude score norms.

1. Advantages of using raw part scores
    a. More specific diagnostic information can be obtained by examining raw part scores or individual GATB test scores than can be obtained from aptitude scores. (For example, if a person has a low intelligence aptitude score one cannot easily determine if this was due to a low arithmetic reasoning or low vocabulary score.)
    b. The raw part scores are not affected by changes made in employment service population norms. Aptitude scores are affected by the weights used in converting them from raw scores.
2. Advantages in using aptitude scores
    a. The Employment Service has a large volume of normative data which has been developed relative to aptitude scores.
    b. Aptitude scores obtained from the National Computer Systems answer sheet or the IBM answer sheet are statistically made equivalent. Raw part scores obtained from the two answer sheets are not equivalent.

TABLE I

Sample Norm Table Heading

1. TABLE 5 - AUTOMOTIVE

PROJECT MINI-SCORE TRAINING NORMS

2. GATB B-1002 FORM B RAW SCORE NORMS

3. PART I-NAME COMPARISON

Description of Tables and Table Organization

Tables have been developed for each of the occupational groups for which a minimum of 65 sets of data are available. Each table is identified by (1) the table number and occupational group, (2) the test name (throughout this publication the test is GATB B-1002 form B), and (3) the specific GATB scale (GATB part or aptitude). (See Table I)

Each table presents the sample size used in constructing the table, and the mean and standard deviation of the sample scores on the given scale. Each table also presents the raw scores (raw part or aptitude) on the given scale achieved by persons in the sample and the percentile, stanine and centour associated with each score. (See Table II)

TABLE II

Sample of Norm Table Data

SAMPLE SIZE = MEAN = S.D. =

RAW SCORE	PERCENTILE	STANINE	CENTOUR
141	99	9	6
140	97	9	7
139	94	8	9
138	93	8	11
.	.	.	.
.	.	.	.
.	.	.	.
99	2	1	7
98	2	1	5
97	2	1	4
96	1	1	4

The percentile is interpreted as the per cent of people in the criterion group on which the norms were developed that had a score lower than the given score. For instance, in Table II, 94 per cent of the sample achieved a score less than 139.

The stanine is interpreted in terms of the per cent of people in the criterion group falling into each of nine categories calculated on the basis of a normal curve with a mean of 5 and a standard deviation of 2. Table III presents the percentage of persons falling into each of the stanine categories.

Referring to Table II we find that a raw score of 139 has a stanine score of eight. Therefore, one could say that an individual with that score achieved a score which was within the upper eleven per cent of the criterion group (4 per cent plus 7 per cent), or one could say that he was not in the upper 4 per cent, but he was in the next seven per cent. Stanines are often used when one wishes to normalize and standardize scores for comparative purposes and when fine discriminations among scores are not required.

TABLE III

Percentage Falling Into Each
Stanine Category

Stanine	Percent in the Category
9	Upper 4%
8	7
7	12
6	17
5	20
4	17
3	12
2	7
1	Lower 4%

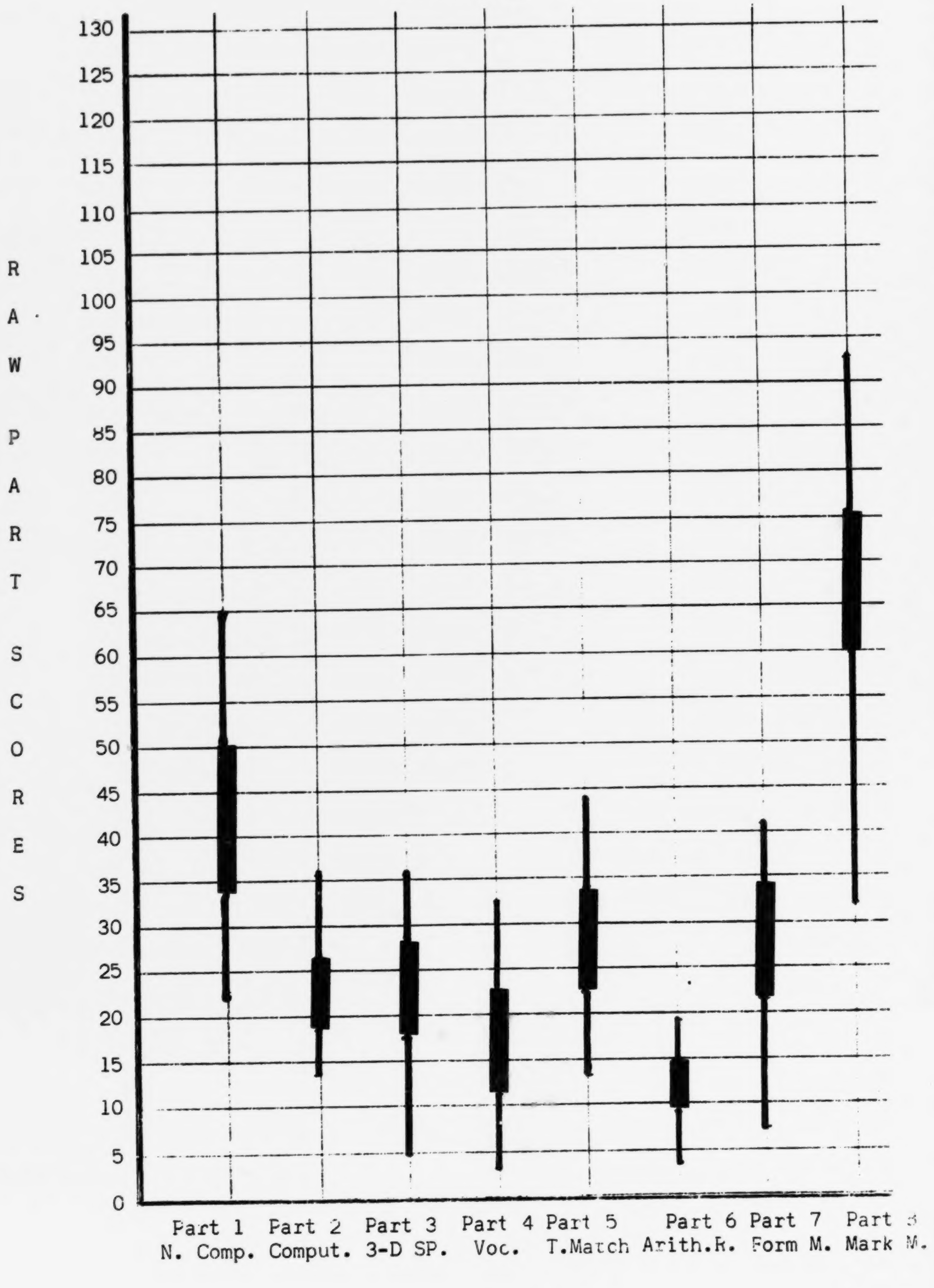
The centour score is interpreted as the per cent of scores in the normalized population of scores estimated from the criterion sample which are farther from the average score than the given score. For example, referring to Table II we find that a person with a raw score of 139 has a centour score of nine. This indicates that only nine per cent of the estimated criterion population would be expected to achieve a score farther from the average score of the group than a score of 139. The nine per cent includes those persons who would achieve higher scores that were farther from the average plus lower scores that were farther from the average. Therefore, if we look at a raw score of 140 and a raw score of 99, we find that both have a centour score of seven. One score is high and one is low, but both are equally as far from the average score of the criterion population group.

Description of the Profiles

Although the tables found in Appendices B and C are directly interpretable for counseling purposes, they are difficult to use. For that reason, raw part score and aptitude score profiles have been developed for each occupational training area. The raw part score profiles are found in Appendix D and the aptitude score profiles are found in Appendix E. Throughout this discussion, reference will be made to raw part scores. However, exactly the same types of interpretation can be made with the aptitude scores using the appropriate tables and profiles.

Each occupational area has a raw part score profile with eight profile stalks (one for each of the eight written parts of the GATB. For an example, see Table IV, the line portion of profile stalk one on Table IV indicates the range of scores obtained by successful graduates from automotive curricula on part 1 of the GATB. The bold bar imposed on top of the range represents the middle two thirds of the scores that were obtained most often by persons who successfully completed an

TABLE IV
PROJECT MINI-SCORE
GATB RAW PART SCORE
PROFILE SHEET
AUTOMOTIVES



automotive training program. The middle two thirds was identified by using the percentiles. The top of the bar is located at the 83.5 percentile and the bottom of the bar is located at the 16.5 percentile. The percentile was used rather than the mean and standard deviation because the percentile is sensitive to skews in the distributions.

All of the raw part score profile stalks within a curriculum area and across curriculum areas use the same raw score scale. Similarly, all of the aptitude profile stalks use the same aptitude score scale. This allows one to compare profiles and individuals against different profiles directly.

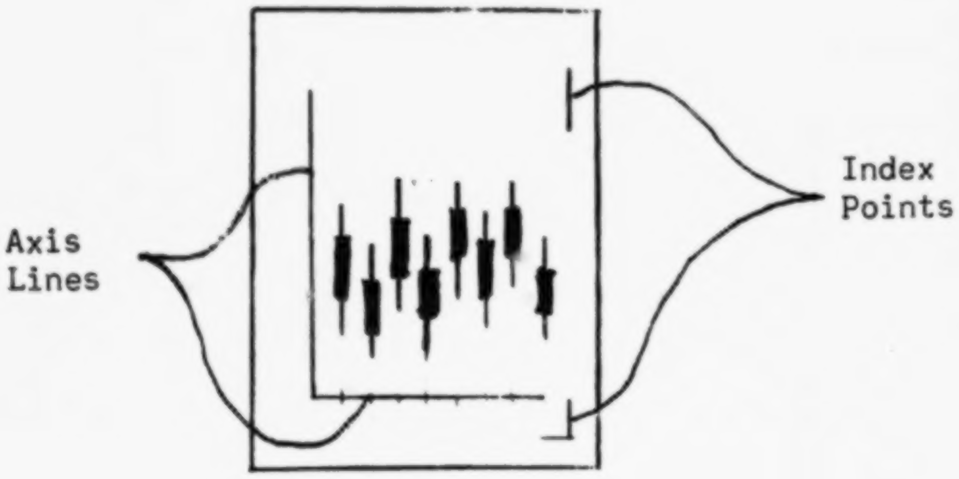
Preparing the Profiles for Counseling

The profiles are organized in Appendices D and E according to the two major clusters for easy reference. A sample student profile sheet is also included in each appendix.

First, transparencies should be made of the profiles. This can be done as follows.

a. Take the profiles out of the booklet.

b. Each of the profile sheets have two index points on them. Match the lower right hand corner of the transparency material with the right angle index point in the lower right hand corner of the profile. Match the right hand edge of the transparency material with the line index point in the upper right hand corner of the profile sheet. Make the transparency.



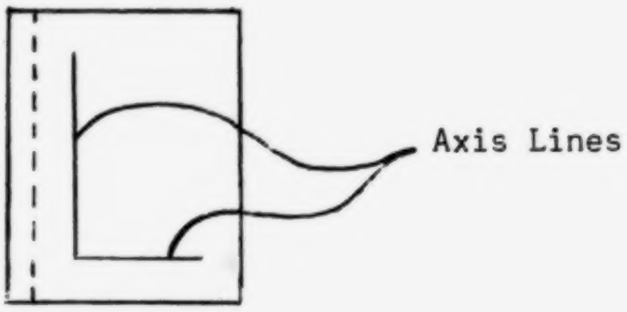
c. After making transparencies of all of the profiles in a given cluster, punch all of the transparencies at once with a three hole punch.

d. Place the transparencies into a three ring binder. When looking through all of the transparencies in a given cluster at one time, all of the axis lines should match.

Second, duplicate the student profile summary sheets. To make additional copies of the student profile summary sheets do the following.

a. Take the sample sheet out of the booklet.

b. Trim the profile summary sheet along the dotted line.



c. Duplicate the sheets after they have been trimmed. Make sure the left hand edge of the new sheets are the same distance from the axis lines as the dotted line is or was on the sample.

Using the Prepared Profiles in Counseling

The following example is in terms of using raw part scores. The same procedure would be used with aptitude scores using the appropriate profiles and student profile sheet.

1. Administer the GATB B-1002 form B in accordance with Employment Service recommendations.

2. Obtain raw GATB B-1002 form B (NCS answer sheet) part scores for a given individual.

3. Plot the individual's scores on a student profile summary sheet.

4. Place the individual student profile summary sheet under each of the transparencies to determine how similar the individual's profile is to those of people who have successfully completed training in each of the occupational areas.

It is recommended that each individual be allowed to make such comparisons himself with the counselor. If a person's profile does not fall within the bold portion of all of the profile stalks of a given occupational group, this does not mean he could not succeed in the occupation. It only means he is more different on that dimension measured by the GATB than 66 per cent of those who have successfully completed training.

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3. Prediger, D. J., Waple, C. C. and Nusbaum, G. R., "Predictors of Success in High School Level Vocational Education Programs: A Review, 1954-1967," Personnel and Guidance Journal (October, 1968), pp. 137-145.

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APPENDIX A

Project MINI-SCORE Occupational Training Program Groups

AGRICULTURAL RELATED OCCUPATIONS

50. Agri-Business
    - Agri-Business Management
    - Agri-Business Office Training

37. Agri-Technology
    - Agri-Chemicals & Fertilizers, Sales & Service
    - Agricultural Technician (Animal Science)
    - Agricultural Technician (Plant Science)
    - Agricultural Sales Technician

51. Farm Management

BUSINESS, ACCOUNTING, CLERICAL, SECRETARIAL

45. Accounting

46. Business Management

47. Clerical Training
    - Clerical Record Keeping
    - Clerk, General Office
    - Clerk-Typist
    - Clerk-Typist Machine Operator

48. Secretarial Training
    - Educational Secretary
    - Hospital Station Secretary
    - Secretarial Training, General
    - Secretarial Training, Medical
    - Stenographic Training
    - Medical Office Assistant
    - Medical Office Service
    - Legal Secretary

FOODS

15. Chefs and Cooks
    - Chef, Management & Food Service
    - Cook, Institutional
    - Hotel & Restaurant Cooking

52. Food Management
    - Dietician Assistant
    - Food Management
    - Food Service

31. Bakery Procedures

CONSTRUCTION INDUSTRY

4. Carpentry
    - Building Construction
    - Carpentry

21. Plumbing & Sheetmetal

20. Cabinet Making

12. Welding

DRAFTING, ARCHITECTURAL, MECHANICAL AND TECHNICAL

9. Architectural Drafting

8. Mechanical Drafting and Design
    - Engineering Drafting
    - Industrial Drafting
    - Industrial Drafting Technology
    - Machine Drafting
    - Mechanical Drafting
    - Technical Drafting
    - Design Technology
    - Drafting and Design Technology

ELECTRICITY AND ELECTRONICS

1. Electronics
    - Electronics
    - Electronics, Communications
    - Electronics, Computer Maintenanc
    - Electronics, Industrial & Home Entertainment Service
    - Electronics, Industrial Technica
    - Electronics, Radio & Television
    - Electronics, Technician Communications
    - Electronics, Technician Industri
    - Electronics, Technician
    - Electronics, Technology

22. Fluid Power Technology
    - Fluid Power Mechanic
    - Fluid Power Technician

35. Highway Technology
    - Highway Technicians
    - Highway Technology
    - Civil Technology

ELECTRICITY AND ELECTRONICS (cont.)

2. Power and Home Electricity
Electrical
Electrical, Construction
Electrical Maintenance
Electrical Technology
Lineman Electrician
Power Plant Operation

MACHINE TRADE OCCUPATIONS

11. Machinist
Machine Operator
Machinist
Production Machinist

23. Pattern Maker

26. Plastic Injection Molding Technician

5. Tool and Die
Tool and Design Technician
Tool and Die Maker
Tool, Die, and Mold Maker

MECHANICS AND MACHINERY REPAIR

18. Aircraft Mechanics
Aviation Mechanics

6. Automotives
Auto Mechanic
Auto Body Repair
Automobile Management
Automobile Technician

10. Diesel Mechanics
Diesel Mechanics
Diesel Mechanics Technicians
Truck & Diesel Mechanics

56. Heavy Equipment

32. Mechanical Refrigeration & Air Conditioning

19. Service Station Mechanic
Automotive Services
Automotive Service Station
Mechanics Attendant
Mechanical Repair & Servicemen

13. Farm Equipment Mechanics
Farm Equipment Mechanics
Farm Mechanics I & II

25. Marine and Small Engine Mechanics

MECHANICS AND MACHINERY REPAIR (cont.)

30. Office Machine Mechanic

14. Appliance Repair

7. Printing and Graphic Arts
Graphic Arts II, Photolithography
and off-set printing
Offset Printing

SELLING AND RELATED WORK

42. Farm Equipment Sales
Farm Equipment Sales & Service
Partsman Training

41. Sales
Sales Management
Sales & Marketing
Sales Training

CLOTHING

53. Needle Arts

54. Tailoring

57. Fashion Merchandising

MISCELLANEOUS

3. Practical Nursing

17. Cosmetology

49. Data Processing
Clerical Training & Data Processing
Clerical Training & Key Punch
Tabulating Machine Operator
(Unit Records)

44. Interior Design & Sales Assistant

33. Dental Assistant

39. Medical Laboratory Assistants

24. Barbering

34. Nursery-Landscape Technology

38. Optical Technology

36. Paper & Pulp Technology

43. Retail Floristry

MISCELLANEOUS (cont.)

16. Shoe Repairing

29. Upholstering

27. Watch Repair

40. Writing

55. Jewelry

58. Telephone Communications

59. International Documents Specialist

60. Law Enforcement

APPENDIX B

RAW PART SCORE NORM TABLES

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3. Machine Shop 28
4. Mechanical Drafting and Design 32
5. Power and Home Electricity 37
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Cluster II

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2. Clerical Training 52
3. Cosmetology 56
4. Practical Nursing 61
5. Secretarial Training 66

TABLE 1. AUTOMOTIVES
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 1 - NAME COMPARISON

SAMPLE SIZE = 170. MEAN = 42.84, S.D. = 8.69

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
65	99	9	1	43	47	5	99
64	99	9	1	42	42	5	92
63	99	9	2	41	39	4	83
62	99	9	3	40	35	4	74
61	98	9	4	39	31	4	66
60	97	9	5	38	26	4	58
59	97	9	6	37	23	4	50
58	96	9	8	36	21	3	43
57	95	8	10	35	18	3	37
56	94	8	13	34	17	3	31
55	93	8	16	33	15	3	26
54	91	8	20	32	12	3	21
53	90	8	24	31	11	2	17
52	88	7	29	30	10	2	14
51	83	7	35	29	8	2	11
50	79	7	41	28	6	2	9
49	75	6	48	27	5	2	7
48	72	6	55	26	4	2	5
47	69	6	63	25	3	1	4
46	64	6	72	24	2	1	3
45	58	5	80	23	1	1	2
44	52	5	89				

TABLE 2. AUTOMOTIVES
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 2 - COMPUTATION

SAMPLE SIZE = 171. MEAN = 23.20, S.D. = 4.12

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
36	99	9	0	24	61	6	85
35	99	9	0	23	51	5	96
34	99	9	1	22	42	5	77
33	99	9	2	21	32	4	59
32	98	9	3	20	21	3	44
31	96	9	6	19	13	3	31
30	94	8	10	18	9	2	21
29	91	8	16	17	6	2	13
28	87	7	24	16	4	1	8
27	82	7	36	15	2	1	5
26	77	6	50	14	1	1	3
25	69	6	66				

TABLE 3. AUTOMOTIVES
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 3 - THREE-DIMENSIONAL SPACE

SAMPLE SIZE = 171, MEAN = 23.23, S.D. = 5.66

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
36	99	9	2	20	26	4	57
35	99	9	4	19	21	3	45
34	99	9	6	18	18	3	36
33	98	9	8	17	15	3	27
32	96	9	12	16	13	3	20
31	93	8	17	15	11	2	15
30	90	8	23	14	8	2	10
29	85	7	31	13	6	2	7
28	80	7	40	12	4	1	5
27	73	6	50	11	2	1	3
26	64	6	62	10	1	1	2
25	57	5	75	9	1	1	1
24	51	5	89	8	1	1	1
23	44	5	97	7	1	1	0
22	39	4	83	6	1	1	0
21	32	4	69				

TABLE 4. AUTOMOTIVES
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 4 - VOCABULARY

SAMPLE SIZE = 171, MEAN = 17.71, S.D. = 5.46

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
33	99	9	1	18	54	5	96
32	99	9	1	17	46	5	90
31	99	9	1	16	37	4	75
30	98	9	2	15	30	4	62
29	98	9	4	14	25	4	50
28	96	9	6	13	20	3	39
27	95	8	9	12	15	3	30
26	93	8	13	11	11	2	22
25	91	8	18	10	8	2	16
24	88	7	25	9	6	2	11
23	84	7	33	8	4	1	8
22	79	7	43	7	2	1	5
21	74	6	55	6	1	1	3
20	67	6	67	5	1	1	2
19	61	6	81	4	1	1	1

TABLE 5. AUTOMOTIVES
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 5 - TOOL MATCHING

SAMPLE SIZE = 171. MEAN = 28.51, S.D. = 5.69

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
44	99	9	1	28	44	5	93
43	99	9	1	27	36	4	79
42	99	9	2	26	31	4	66
41	98	9	3	25	26	4	54
40	97	9	4	24	21	3	43
39	97	9	7	23	17	3	33
38	96	9	10	22	14	3	25
37	95	8	14	21	12	3	19
36	92	8	19	20	10	2	13
35	89	8	25	19	6	2	9
34	85	7	34	18	4	1	6
33	80	7	43	17	2	1	4
32	71	6	54	16	1	1	3
31	63	6	66	15	1	1	2
30	58	5	79	14	1	1	1
29	52	5	93				

TABLE 6. AUTOMOTIVES
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 6 - ARITHMETIC REASON

SAMPLE SIZE = 171. MEAN = 12.20, S.D. = 2.84

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
19	99	9	2	11	33	4	67
18	99	9	4	10	21	3	44
17	95	8	9	9	12	3	26
16	91	8	18	8	8	2	14
15	83	7	32	7	5	2	7
14	73	6	53	6	2	1	3
13	60	6	78	5	1	1	1
12	46	5	94	4	1	1	0

TABLE 7. AUTOMOTIVES
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 7 - FORM MATCHING

SAMPLE SIZE = 171. MEAN = 27.33. S.D. = 6.07

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
41	99	9	2	24	27	4	58
40	99	9	4	23	20	3	48
39	97	9	5	22	15	3	38
38	96	8	8	21	13	3	30
37	94	8	11	20	11	3	23
36	93	8	15	19	8	2	17
35	91	8	21	18	6	2	12
34	86	7	27	17	4	2	9
33	80	7	35	16	4	2	6
32	76	6	44	15	4	1	4
31	73	6	55	14	3	1	3
30	68	6	66	13	2	1	2
29	62	6	78	12	1	1	1
28	55	5	91	11	1	1	1
27	49	5	96	10	1	1	0
26	42	5	83	9	1	1	0
25	34	4	70	8	1	1	0

TABLE 8. AUTOMOTIVES
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 8 - MARK MAKING

SAMPLE SIZE = 171, MEAN = 68.09, S.D. = 9.66

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
93	99	9	1	62	25	4	53
92	99	9	1	61	21	3	46
91	99	9	2	60	17	3	40
90	99	9	2	59	13	3	35
89	98	9	3	58	11	2	30
88	98	9	4	57	8	2	25
87	98	9	5	56	7	2	21
86	97	9	6	55	7	2	18
85	96	9	8	54	6	2	14
84	96	9	10	53	6	2	12
83	95	8	12	52	5	2	10
82	94	8	15	51	4	2	8
81	93	8	18	50	4	1	6
80	92	8	22	49	4	1	5
79	90	8	26	48	4	1	4
78	89	7	30	47	4	1	3
77	87	7	36	46	4	1	2
76	83	7	41	45	4	1	2
75	77	7	47	44	3	1	1
74	73	6	54	43	3	1	1
73	69	6	61	42	2	1	1
72	66	6	69	41	2	1	1
71	64	6	76	40	2	1	0
70	58	5	84	39	2	1	0
69	50	5	93	38	1	1	0
68	44	5	99	37	1	1	0
67	39	4	91	36	1	1	0
66	36	4	83	35	1	1	0
65	35	4	75	34	1	1	0
64	31	4	67	33	1	1	0
63	28	4	60				

TABLE 1. CARPENTRY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-A (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 1 - NAME COMPARISON

SAMPLE SIZE = 69. MEAN = 41.59, S.D. = 8.06

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
62	99	9	1
61	99	9	2
60	99	9	2
59	99	9	3
58	99	9	4
57	98	9	6
56	96	9	7
55	96	8	10
54	94	8	12
53	91	8	16
52	90	8	20
51	88	7	24
50	85	7	30
49	83	7	36
48	76	6	43
47	70	6	50
46	70	6	58
45	69	6	67
44	63	6	77
43	57	5	86
42	52	5	96
41	49	5	94
40	44	5	84
39	38	4	75
38	36	4	66
37	30	4	57
36	22	3	49
35	20	3	41
34	17	3	35
33	14	3	29
32	11	2	23
31	7	2	19
30	6	2	15
29	5	2	12
28	4	2	9
27	4	2	7
26	4	1	5
25	2	1	4
24	1	1	3
23	1	1	2
22	1	1	2
21	1	1	1
20	1	1	1

TABLE 2. CARPENTRY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-A (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 2 - COMPUTATION

SAMPLE SIZE = 69. MEAN = 23.45, S.D. = 3.97

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
33	99	9	2
32	99	9	3
31	96	9	6
30	94	8	10
29	92	8	16
28	86	7	25
27	80	7	37
26	73	6	52
25	67	6	70
24	59	5	89
23	46	5	91
22	35	4	71
21	25	4	54
20	19	3	38
19	14	3	26
18	9	2	17
17	6	2	10
16	4	2	6
15	2	1	3

TABLE 3. CARPENTRY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 3 - THREE-DIMENSIONAL SPACE

SAMPLE SIZE = 69. MEAN = 23.68. S.D. = 5.19

RAW SCORE	PERCENTILE	STANINE	CENTOUR	RAW SCORE	PERCENTILE	STANINE	CENTOUR
34	99	9	5	21	29	4	61
33	98	9	7	20	22	3	48
32	97	9	11	19	18	3	37
31	96	8	16	18	17	3	27
30	92	8	22	17	14	3	20
29	85	7	31	16	10	2	14
28	77	6	41	15	8	2	9
27	72	6	52	14	5	2	6
26	62	6	66	13	2	1	4
25	52	5	80	12	1	1	2
24	48	5	95	11	1	1	1
23	41	5	90	10	1	1	1
22	34	4	75				

TABLE 4. CARPENTRY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 4 - VOCABULARY

SAMPLE SIZE = 69. MEAN = 17.41. S.D. = 4.48

RAW SCORE	PERCENTILE	STANINE	CENTOUR	RAW SCORE	PERCENTILE	STANINE	CENTOUR
29	99	9	1	17	44	5	93
28	97	9	2	16	38	4	75
27	97	9	3	15	31	4	59
26	97	9	5	14	24	4	45
25	96	9	9	13	16	3	33
24	96	8	14	12	12	3	23
23	91	8	21	11	9	2	15
22	85	7	30	10	4	2	10
21	80	7	42	9	3	1	6
20	72	6	56	8	2	1	4
19	63	6	72	7	1	1	2
18	53	5	89				

TABLE 5. CARPENTRY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM_B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 5 - TOOL MATCHING

SAMPLE SIZE = 69. MEAN = 28.90, S.D. = 4.66

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
39	99	9	3	28	50	5	85
38	99	9	5	27	39	4	68
37	96	9	8	26	30	4	53
36	93	8	13	25	22	3	40
35	87	7	19	24	14	3	29
34	81	7	27	23	7	2	21
33	77	6	38	22	4	2	14
32	70	6	51	21	4	1	9
31	64	6	65	20	2	1	6
30	62	6	81	19	1	1	3
29	58	5	98	18	1	1	2

TABLE 6. CARPENTRY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM_B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 6 - ARITHMETIC REASON

SAMPLE SIZE = 69. MEAN = 12.49, S.D. = 2.33

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
16	96	8	13	11	25	4	52
15	83	7	28	10	16	3	29
14	70	6	52	9	9	2	13
13	57	5	83	8	4	2	5
12	39	4	83	7	2	1	2

TABLE 7. CARPENTRY

PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 7 - FORM MATCHING

SAMPLE SIZE = 69. MEAN = 29.14. S.D. = 5.08

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
44	99	9	0	30	62	6	87
43	98	9	1	29	54	5	98
42	96	9	1	28	46	5	82
41	96	8	2	27	38	4	67
40	96	8	3	26	28	4	54
39	96	8	5	25	18	3	41
38	94	8	8	24	11	2	31
37	92	8	12	23	8	2	23
36	91	8	18	22	6	2	16
35	90	8	25	21	4	1	11
-----	-----	-----	-----	-----	-----	-----	-----
34	87	7	34	20	2	1	7
33	80	7	45	19	1	1	5
32	74	6	57	18	1	1	3
31	68	6	71				

TABLE 8. CARPENTRY

PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 8 - MARK MAKING

SAMPLE SIZE = 68. MEAN = 68.75. S.D. = 7.20

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
84	99	9	3	66	29	4	70
83	98	9	5	65	24	4	60
82	96	9	7	64	23	3	51
81	96	8	9	63	20	3	42
80	93	8	12	62	17	3	35
79	90	8	15	61	15	3	28
78	87	7	20	60	11	3	22
77	85	7	25	59	9	2	18
76	83	7	31	58	8	2	14
75	82	7	39	57	7	2	10
-----	-----	-----	-----	-----	-----	-----	-----
74	79	7	47	56	7	2	8
73	75	6	56	55	4	2	6
72	71	6	65	54	3	1	4
71	68	6	75	53	2	1	3
70	59	5	86	52	1	1	2
69	50	5	97	51	1	1	1
68	43	5	92	50	1	1	1
67	36	4	81				

TABLE 1. MACHINE SHOP

PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 1 - NAME COMPARISON

SAMPLE SIZE = 71. MEAN = 43.07, S.D. = 9.08

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
66	99	9	1	44	55	5	92
65	99	9	2	43	52	5	99
64	98	9	2	42	46	5	91
63	96	9	3	41	41	5	82
62	95	8	4	40	36	4	74
61	94	8	5	39	31	4	65
60	94	8	6	38	28	4	58
59	94	8	8	37	25	4	50
58	94	8	10	36	21	3	44
57	92	8	12	35	18	3	37
56	92	8	15	34	15	3	32
55	91	8	19	33	13	3	27
54	89	7	23	32	11	3	22
53	87	7	27	31	11	3	18
52	86	7	33	30	11	2	15
51	82	7	38	29	7	2	12
50	79	7	45	28	4	1	10
49	77	7	51	27	2	1	8
48	75	6	59	26	1	1	6
47	73	6	67	25	1	1	5
46	65	6	75	24	1	1	4
45	58	5	83	23	1	1	3

TABLE 2. MACHINE SHOP

PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 2 - COMPUTATION

SAMPLE SIZE = 71. MEAN = 24.69, S.D. = 3.88

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
36	99	9	0	26	59	5	74
35	99	9	1	25	54	5	94
34	99	9	2	24	49	5	86
33	98	9	3	23	40	5	66
32	96	8	6	22	27	4	49
31	94	8	10	21	15	3	34
30	92	8	17	20	11	2	23
29	88	7	27	19	6	2	14
28	81	7	39	18	4	1	8
27	69	6	55	17	1	1	5

TABLE 3. MACHINE SHOP
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 3 - THREE-DIMENSIONAL SPACE

SAMPLE SIZE = 71. MEAN = 21.86, S.D. = 5.70

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
32	99	9	8
31	97	9	11
30	95	8	15
29	92	8	21
28	85	7	28
27	76	6	37
26	70	6	47
25	63	6	58
24	57	5	71
23	55	5	84
22	51	5	98
21	46	5	88
20	39	4	74
19	32	4	62
18	28	4	50
17	24	4	39
16	18	3	30
15	13	3	23
14	8	2	17
13	4	1	12
12	3	1	8
11	3	1	6
10	3	1	4
9	2	1	2
8	1	1	2
7	1	1	1
6	1	1	1

TABLE 4. MACHINE SHOP
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 4 - VOCABULARY

SAMPLE SIZE = 71. MEAN = 17.87, S.D. = 5.44

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
31	99	9	2
30	99	9	3
29	99	9	4
28	98	9	6
27	96	8	9
26	94	8	14
25	93	8	19
24	90	8	26
23	82	7	35
22	73	6	45
21	68	6	57
20	64	6	70
19	57	5	84
18	50	5	98
17	44	5	87
16	37	4	73
15	29	4	60
14	21	3	48
13	16	3	37
12	13	3	28
11	12	3	21
10	10	2	15
9	7	2	10
8	6	2	7
7	4	2	5
6	2	1	3
5	1	1	2

TABLE 5. MACHINE SHOP
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 5 - TOOL MATCHING

SAMPLE SIZE = 71, MEAN = 29.66, S.D. = 4.89

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
41	99	9	2	29	43	5	89
40	99	9	3	28	37	4	73
39	98	9	6	27	32	4	59
38	96	9	9	26	23	4	45
37	94	8	13	25	17	3	34
36	91	8	20	24	13	3	25
35	87	7	28	23	10	2	17
34	82	7	38	22	8	2	12
33	75	6	50	21	6	2	8
32	63	6	63	20	4	1	5
31	56	5	78	19	1	1	3
30	50	5	94				

TABLE 6. MACHINE SHOP
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 6 - ARITHMETIC REASON

SAMPLE SIZE = 71, MEAN = 12.86, S.D. = 2.53

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
19	99	9	2	12	32	4	73
18	99	9	4	11	23	3	46
17	95	8	10	10	16	3	26
16	89	7	21	9	7	2	13
15	81	7	40	8	3	1	5
14	68	6	65	7	2	1	2
13	50	5	96	6	1	1	1

TABLE 7. MACHINE SHOP
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 7 - FORM MATCHING

SAMPLE SIZE = 71. MEAN = 28.80, S.D. = 5.95

RAW SCORE	PERCENTILE	STANINE	CENTOUR	RAW SCORE	PERCENTILE	STANINE	CENTOUR
46	99	9	0	31	63	6	71
45	99	9	1	30	56	5	84
44	99	9	1	29	51	5	97
43	99	9	2	28	46	5	89
42	99	9	3	27	41	5	76
41	98	9	4	26	35	4	64
40	97	9	6	25	29	4	52
39	96	9	9	24	23	3	42
38	94	8	12	23	17	3	33
37	90	8	17	22	13	3	25
36	88	7	23	21	11	3	19
35	87	7	30	20	8	2	14
34	82	7	38	19	5	2	10
33	75	6	48	18	1	1	7
32	70	6	59				

TABLE 8. MACHINE SHOP
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 8 - MARK MAKING

SAMPLE SIZE = 71. MEAN = 67.63, S.D. = 8.87

RAW SCORE	PERCENTILE	STANINE	CENTOUR	RAW SCORE	PERCENTILE	STANINE	CENTOUR
87	99	9	3	63	22	3	60
86	99	9	4	62	18	3	53
85	99	9	5	61	15	3	45
84	99	9	7	60	13	3	39
83	99	9	8	59	11	3	33
82	99	9	11	58	11	3	28
81	99	9	13	57	11	2	23
80	96	8	16	56	9	2	19
79	92	8	20	55	8	2	15
78	91	8	24	54	7	2	12
77	87	7	29	53	6	2	10
76	83	7	35	52	4	2	8
75	80	7	41	51	4	2	6
74	75	6	47	50	4	2	5
73	71	6	55	49	4	2	4
72	67	6	62	48	4	2	3
71	63	6	70	47	4	2	2
70	60	5	79	46	4	2	1
69	56	5	88	45	4	2	1
68	51	5	97	44	4	2	1
67	46	5	94	43	4	2	1
66	39	4	85	42	4	1	0
65	34	4	77	41	2	1	0
64	27	4	68	40	1	1	0

TABLE [illegible]. MECHANICAL DRAFTING AND DESIGN
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 1 - NAME COMPARISON

SAMPLE SIZE = 91. MEAN = 46.34, S.D. = 7.85

RAW SCORE	PERCENTILE	STANINE	CENTOUR
70	99	9	0
69	99	9	0
68	99	9	1
67	98	9	1
66	98	9	1
65	98	9	2
64	98	9	2
63	97	9	3
62	97	9	5
61	96	9	6
60	95	8	8
59	94	8	11
58	93	8	14
57	92	8	17
56	90	8	22
55	88	7	27
54	87	7	33
53	84	7	40
52	79	7	47
51	76	6	55
50	71	6	64
49	62	6	73
48	55	5	83
47	52	5	93
46	47	5	97
45	41	5	86
44	38	4	77
43	35	4	67
42	32	4	58
41	27	4	50
40	21	3	42
39	16	3	35
38	13	3	29
37	10	2	23
36	8	2	19
35	7	2	15
34	5	2	12
33	5	2	9
32	4	2	7
31	3	1	5
30	2	1	4
29	1	1	3
28	1	1	2

TABLE [illegible]. MECHANICAL DRAFTING AND DESIGN
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 2 - COMPUTATION

SAMPLE SIZE = 91. MEAN = 26.43, S.D. = 3.61

RAW SCORE	PERCENTILE	STANINE	CENTOUR
36	99	9	1
35	99	9	2
34	98	9	4
33	97	9	7
32	97	9	12
31	93	8	21
30	82	7	32
29	70	6	48
28	61	6	66
27	53	5	87
26	46	5	91
25	36	4	69
24	28	4	50
23	21	3	34
22	13	3	22
21	7	2	13
20	3	1	7
19	1	1	4
18	1	1	2

TABLE 3. MECHANICAL DRAFTING AND DESIGN
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 3 - THREE-DIMENSIONAL SPACE

SAMPLE SIZE = 91, MEAN = 25.22, S.D. = 4.20

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
36	99	9	1	23	32	4	60
35	99	9	2	22	23	4	44
34	99	9	4	21	16	3	32
33	98	9	6	20	9	2	21
32	96	8	11	19	3	1	14
31	90	8	17	18	2	1	9
30	83	7	26	17	2	1	5
29	79	7	37	16	1	1	3
28	75	6	51	15	1	1	2
27	68	6	67	14	1	1	1
26	59	5	85	13	1	1	0
25	49	5	96	12	1	1	0
24	40	5	77	11	1	1	0

TABLE 4. MECHANICAL DRAFTING AND DESIGN
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 4 - VOCABULARY

SAMPLE SIZE = 91, MEAN = 20.47, S.D. = 4.88

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
37	99	9	0	22	62	6	75
36	99	9	0	21	53	5	91
35	99	9	0	20	44	5	92
34	99	9	1	19	36	4	76
33	99	9	1	18	29	4	61
32	98	9	2	17	22	3	48
31	98	9	3	16	18	3	36
30	98	9	5	15	15	3	26
29	97	9	8	14	13	3	18
28	95	8	12	13	8	2	13
27	92	8	18	12	3	1	8
26	89	8	26	11	2	1	5
25	85	7	35	10	1	1	3
24	79	7	47	9	1	1	2
23	71	6	60				

TABLE 5. MECHANICAL DRAFTING AND DESIGN
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM_B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 5 - TOOL MATCHING

SAMPLE SIZE = 91. MEAN = 31.51, S.D. = 5.39

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
44	99	9	2
43	99	9	3
42	99	9	5
41	98	9	8
40	95	8	11
39	92	8	16
38	90	8	23
37	85	7	31
36	78	7	40
35	71	6	52
34	67	6	64
33	58	5	78
32	48	5	93
31	42	5	93
30	38	4	78
29	34	4	64
28	29	4	52
27	23	3	40
26	16	3	31
25	11	2	23
24	8	2	16
23	4	2	11
22	3	1	8
21	3	1	5
20	3	1	3
19	2	1	2
18	2	1	1
17	1	1	1
16	1	1	0

TABLE 6. MECHANICAL DRAFTING AND DESIGN
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM_B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 6 - ARITHMETIC REASON

SAMPLE SIZE = 91. MEAN = 13.85, S.D. = 2.35

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
21	99	9	0
20	99	9	1
19	98	9	3
18	94	8	8
17	89	8	18
16	81	7	36
15	70	6	62
14	59	5	95
13	41	4	72
12	20	3	43
11	8	2	23
10	3	1	10
9	2	1	4
8	1	1	1

TABLE 7. MECHANICAL DRAFTING AND DESIGN
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 7 - FORM MATCHING

SAMPLE SIZE = 91, MEAN = 29.85, S.D. = 5.49

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
41	99	9	4	28	45	5	74
40	98	9	6	27	38	4	60
39	96	8	10	26	28	4	48
38	92	8	14	25	19	3	38
37	87	7	19	24	13	3	29
36	81	7	26	23	8	2	21
35	76	6	35	22	5	2	15
34	72	6	45	21	4	1	11
33	68	6	57	20	3	1	7
32	63	6	69	19	2	1	5
31	60	5	83	18	1	1	3
30	56	5	98	17	1	1	2
29	51	5	88				

TABLE [illegible]. MECHANICAL DRAFTING AND DESIGN
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 8 - MARK MAKING

SAMPLE SIZE = 91. MEAN = 72.44, S.D. = 10.01

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
95	99	9	2
94	99	9	3
93	99	9	4
92	98	9	5
91	96	9	6
90	95	8	8
89	95	8	10
88	93	8	12
87	91	8	15
86	90	8	18
85	88	7	21
84	87	7	25
83	86	7	29
82	84	7	34
81	82	7	39
80	79	7	45
79	76	6	51
78	73	6	58
77	69	6	65
76	66	6	72
75	64	6	80
74	60	5	88
73	55	5	96
72	50	5	96
71	46	5	89
70	40	4	81
69	33	4	73
68	30	4	66
67	26	4	59
66	22	3	52
65	18	3	46
64	16	3	40
63	14	3	35
62	11	2	30
61	9	2	25
60	8	2	21
59	7	2	18
58	6	2	15
57	5	2	12
56	4	1	10
55	3	1	8
54	3	1	7
53	2	1	5
52	2	1	4
51	2	1	3
50	2	1	2
49	2	1	2
48	2	1	1
47	2	1	1
46	2	1	1
45	2	1	1
44	2	1	0
43	2	1	0
42	2	1	0
41	2	1	0
40	2	1	0
39	1	1	0

TABLE 1. POWER AND HOME ELECTRICITY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 1 - NAME COMPARISON

SAMPLE SIZE = 71, MEAN = 43.93, S.D. = 7.74

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
67	99	9	0	45	57	5	89
66	98	9	0	44	51	5	99
65	97	9	1	43	47	5	90
64	97	9	1	42	43	5	80
63	97	9	1	41	39	4	71
62	97	9	2	40	36	4	61
61	97	9	3	39	31	4	52
60	97	9	4	38	24	4	44
59	96	9	5	37	15	3	37
58	95	8	7	36	10	2	31
57	94	8	9	35	8	2	25
56	94	8	12	34	6	2	20
55	94	8	15	33	4	2	16
54	92	8	19	32	4	1	12
53	89	7	24	31	3	1	9
52	87	7	30	30	3	1	7
51	85	7	36	29	3	1	5
50	81	7	43	28	3	1	4
49	76	6	51	27	2	1	3
48	72	6	60	26	1	1	2
47	68	6	69	25	1	1	1
46	64	6	79				

TABLE 2. POWER AND HOME ELECTRICITY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 2 - COMPUTATION

SAMPLE SIZE = 70, MEAN = 24.50, S.D. = 3.77

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
35	99	9	1	24	46	5	89
34	99	9	1	23	38	4	69
33	98	9	2	22	26	4	51
32	97	9	5	21	14	3	35
31	96	9	9	20	8	2	23
30	92	8	15	19	5	2	15
29	88	7	23	18	4	2	9
28	84	7	35	17	4	1	5
27	74	6	51	16	3	1	2
26	66	6	69	15	1	1	1
25	57	5	89				

TABLE 3. POWER AND HOME ELECTRICITY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 3 - THREE-DIMENSIONAL SPACE

SAMPLE SIZE = 71. MEAN = 24.52. S.D. = 4.84

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
35	99	9	3	20	14	3	35
34	97	9	5	19	10	2	25
33	95	8	8	18	7	2	18
32	94	8	12	17	6	2	12
31	93	8	18	16	4	2	8
30	90	8	26	15	4	1	5
29	85	7	35	14	3	1	3
28	78	7	47	13	3	1	2
27	70	6	61	12	2	1	1
26	63	6	76	11	1	1	1
-----	-----	-----	-----	-----	-----	-----	-----
25	54	5	92	10	1	1	0
24	44	5	91	9	1	1	0
23	35	4	75	8	1	1	0
22	25	4	60	7	1	1	0
21	18	3	47				

TABLE 4. POWER AND HOME ELECTRICITY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 4 - VOCABULARY

SAMPLE SIZE = 71. MEAN = 18.80. S.D. = 4.79

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
35	99	9	0	22	71	6	50
34	99	9	0	21	65	6	65
33	99	9	0	20	60	5	80
32	99	9	1	19	54	5	97
31	99	9	1	18	50	5	87
30	99	9	2	17	44	5	71
29	99	9	3	16	33	4	56
28	98	9	6	15	25	4	43
27	96	9	9	14	17	3	32
26	94	8	13	13	11	2	23
-----	-----	-----	-----	-----	-----	-----	-----
25	91	8	20	12	6	2	16
24	85	7	28	11	1	1	10
23	78	7	38				

TABLE 5. POWER AND HOME ELECTRICITY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 5 - TOOL MATCHING

SAMPLE SIZE = 71. MEAN = 29.89, S.D. = 4.87

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
42	99	9	1
41	99	9	2
40	99	9	4
39	99	9	6
38	96	8	10
37	91	8	14
36	88	7	21
35	84	7	29
34	77	6	40
33	71	6	52
32	65	6	66
31	59	5	82
30	56	5	98
29	46	5	86
28	37	4	70
27	30	4	55
26	21	3	42
25	16	3	32
24	12	3	23
23	7	2	16
22	5	2	11
21	4	1	7
20	2	1	4
19	1	1	3

TABLE 6. POWER AND HOME ELECTRICITY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 6 - ARITHMETIC REASON

SAMPLE SIZE = 71. MEAN = 13.18, S.D. = 2.25

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
19	99	9	1
18	98	9	3
17	94	8	9
16	86	7	21
15	77	7	42
14	66	6	72
13	53	5	94
12	35	4	60
11	15	3	33
10	6	2	16
9	2	1	6

TABLE 7. POWER AND HOME ELECTRICITY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 7 - FORM MATCHING

SAMPLE SIZE = 71, MEAN = 28.90, S.D. = 5.14

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
44	99	9	0	28	43	5	86
43	99	9	1	27	36	4	71
42	99	9	1	26	27	4	57
41	99	9	2	25	21	3	45
40	99	9	3	24	16	3	34
39	98	9	5	23	10	2	25
38	96	8	8	22	7	2	18
37	94	8	12	21	5	2	12
36	94	8	17	20	4	2	8
35	91	8	24	19	3	1	5
34	85	7	32	18	1	1	3
33	77	6	43	17	1	1	2
32	71	6	55	16	1	1	1
31	67	6	68	15	1	1	1
30	62	6	83	14	1	1	0
29	53	5	98	13	1	1	0

TABLE 8. POWER AND HOME ELECTRICITY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 8 - MARK MAKING

SAMPLE SIZE = 61. MEAN = 70.33, S.D. = 9.90

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
93	99	9	2	64	20	3	52
92	98	9	3	63	17	3	46
91	98	9	4	62	16	3	40
90	98	9	5	61	14	3	35
89	98	9	6	60	12	3	30
88	98	9	7	59	11	3	25
87	98	9	9	58	11	2	21
86	98	9	11	57	9	2	18
85	98	9	14	56	8	2	15
84	97	9	17	55	7	2	12
83	97	9	20	54	6	2	10
82	97	9	24	53	5	2	8
81	96	8	28	52	5	2	6
80	89	7	33	51	5	2	5
79	81	7	38	50	5	2	4
78	76	6	44	49	5	2	3
77	70	6	50	48	5	2	2
76	66	6	57	47	5	2	2
75	61	6	64	46	5	2	1
74	57	5	71	45	3	1	1
73	55	5	79	44	2	1	1
72	54	5	87	43	2	1	1
71	53	5	95	42	2	1	0
70	49	5	97	41	2	1	0
69	41	5	89	40	2	1	0
68	32	4	81	39	2	1	0
67	27	4	74	38	2	1	0
66	25	4	66	37	1	1	0
65	22	3	59				

TABLE 1. WELDING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 1 - NAME COMPARISON

SAMPLE SIZE = 114, MEAN = 41.82, S.D. = 9.26

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
69	99	9	0
68	99	9	0
67	99	9	1
66	99	9	1
65	99	9	1
64	99	9	2
63	98	9	2
62	97	9	3
61	97	9	4
60	97	9	5
59	96	9	6
58	96	8	8
57	94	8	10
56	93	8	13
55	92	8	15
54	90	8	19
53	87	7	23
52	86	7	27
51	83	7	32
50	82	7	38
49	79	7	44
48	74	6	51
47	70	6	58
46	68	6	65
45	64	6	73
44	60	6	81
43	57	5	90
42	53	5	98
41	48	5	93
40	44	5	84
39	41	5	76
38	37	4	68
37	34	4	60
36	30	4	53
35	25	4	46
34	20	3	40
33	16	3	34
32	14	3	29
31	12	3	24
30	10	2	20
29	7	2	17
28	5	2	14
27	4	1	11
26	3	1	9
25	2	1	7
24	2	1	5
23	1	1	4
22	1	1	3
21	1	1	2
20	1	1	2
19	1	1	1

TABLE 2. WELDING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 2 - COMPUTATION

SAMPLE SIZE = 114, MEAN = 22.39, S.D. = 4.17

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
32	99	9	2
31	99	9	4
30	98	9	7
29	98	9	11
28	95	8	18
27	90	8	27
26	81	7	39
25	71	6	53
24	62	6	70
23	51	5	88
22	41	5	93
21	33	4	74
20	24	4	57
19	18	3	42
18	14	3	29
17	10	2	20
16	7	2	13
15	5	2	8
14	4	2	4
13	4	1	2
12	3	1	1
11	2	1	1
10	2	1	0
9	1	1	0

TABLE 3. WELDING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 3 - THREE-DIMENSIONAL SPACE

SAMPLE SIZE = 114. MEAN = 21.29. S.D. = 5.59

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
33	99	9	4	18	21	3	56
32	98	9	6	17	17	3	44
31	96	8	8	16	15	3	34
30	93	8	12	15	13	3	26
29	91	8	17	14	11	2	19
28	87	7	23	13	8	2	14
27	82	7	31	12	6	2	10
26	79	7	40	11	5	2	7
25	76	6	51	10	4	2	4
24	71	6	63	9	3	1	3
23	65	6	76	8	2	1	2
22	57	5	90	7	1	1	1
21	48	5	96	6	1	1	1
20	40	4	82	5	1	1	0
19	29	4	68				

TABLE 4. WELDING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 4 - VOCABULARY

SAMPLE SIZE = 114. MEAN = 16.35. S.D. = 5.31

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
32	99	9	0	16	49	5	95
31	99	9	1	15	40	5	80
30	99	9	1	14	30	4	66
29	99	9	2	13	24	4	53
28	98	9	3	12	20	3	41
27	97	9	4	11	15	3	31
26	96	9	7	10	11	3	23
25	94	8	10	9	8	2	17
24	92	8	15	8	5	2	12
23	89	8	21	7	3	1	8
22	88	7	29	6	3	1	5
21	84	7	38	5	2	1	3
20	78	7	49	4	2	1	2
19	69	6	62	3	2	1	1
18	62	6	76	2	1	1	1
17	56	5	90				

TABLE 5. WELDING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 5 - TOOL MATCHING

SAMPLE SIZE = 114. MEAN = 28.39. S.D. = 5.68

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
43	99	9	1	28	49	5	95
42	99	9	2	27	40	4	81
41	99	9	3	26	32	4	67
40	99	9	4	25	26	4	55
39	98	9	6	24	22	3	44
38	97	9	9	23	18	3	34
37	93	8	13	22	15	3	26
36	89	8	18	21	11	3	19
35	85	7	24	20	7	2	14
34	80	7	32	19	4	2	10
33	77	7	42	18	3	1	7
32	74	6	52	17	3	1	4
31	68	6	65	16	2	1	3
30	63	6	78	15	1	1	2
29	57	5	91				

TABLE 6. WELDING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 6 - ARITHMETIC REASON

SAMPLE SIZE = 114. MEAN = 11.54. S.D. = 2.56

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
18	99	9	1	11	40	5	83
17	97	9	3	10	27	4	55
16	94	8	8	9	16	3	32
15	91	8	18	8	8	2	17
14	85	7	34	7	4	2	8
13	73	6	57	6	2	1	3
12	57	5	86	5	1	1	1

TABLE 7. WELDING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 7 - FORM MATCHING

SAMPLE SIZE = 114, MEAN = 26.58, S.D. = 6.89

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
44	99	9	1
43	98	9	2
42	97	9	3
41	96	9	4
40	96	9	5
39	96	9	7
38	95	8	10
37	94	8	13
36	93	8	17
35	90	8	22
34	87	7	28
33	84	7	35
32	80	7	43
31	76	6	52
30	72	6	62
29	67	6	73
28	59	5	84
27	51	5	95
26	45	5	93
25	36	4	82
24	29	4	71
23	27	4	60
22	24	4	51
21	21	3	42
20	18	3	34
19	14	3	27
18	11	2	21
17	7	2	16
16	6	2	12
15	5	2	9
14	4	1	7
13	3	1	5
12	3	1	3
11	2	1	2
10	1	1	2
9	1	1	1
8	1	1	1
7	1	1	0
6	1	1	0

TABLE 8. WELDING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 8 - MARK MAKING

SAMPLE SIZE = 113. MEAN = 68.49. S.D. = 7.80

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
92	99	9	0	70	57	5	85
91	99	9	0	69	48	5	95
90	94	9	1	68	42	5	95
89	96	9	1	67	39	4	85
88	98	9	1	66	38	4	75
87	98	9	2	65	37	4	65
86	98	9	2	64	33	4	56
85	97	9	3	63	28	4	48
84	96	9	5	62	24	4	41
83	96	9	6	61	19	3	34
82	96	8	8	60	14	3	28
81	95	8	11	59	10	2	22
80	93	8	14	58	7	2	18
79	91	8	18	57	5	2	14
78	90	8	22	56	4	2	11
77	88	7	27	55	3	1	8
76	86	7	34	54	3	1	6
75	82	7	40	53	2	1	5
74	78	7	48	52	1	1	3
73	73	6	56	51	1	1	2
72	69	6	65	50	1	1	2
71	65	6	75				

TABLE 1. ACCOUNTING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 1 - NAME COMPARISON

SAMPLE SIZE = 188. MEAN = 52.13. S.D. = 10.64

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
88	99	9	0	55	64	6	79
87	99	9	0	54	61	6	86
86	99	9	0	53	59	5	94
85	99	9	0	52	55	5	99
84	99	9	0	51	52	5	92
83	99	9	0	50	49	5	84
82	99	9	1	49	44	5	77
81	99	9	1	48	37	4	70
80	99	9	1	47	32	4	63
79	99	9	1	46	28	4	56
78	99	9	2	45	24	4	50
77	98	9	2	44	20	3	44
76	98	9	2	43	17	3	39
75	98	9	3	42	15	3	34
74	98	9	4	41	13	3	30
73	97	9	5	40	11	2	25
72	97	9	6	39	10	2	22
71	97	9	8	38	8	2	18
70	95	8	9	37	7	2	15
69	94	8	11	36	5	2	13
68	93	8	14	35	4	1	11
67	92	8	16	34	3	1	9
66	90	8	19	33	3	1	7
65	88	7	23	32	2	1	6
64	86	7	26	31	2	1	5
63	83	7	31	30	1	1	4
62	81	7	35	29	1	1	3
61	79	7	40	28	1	1	2
60	76	6	46	27	1	1	2
59	73	6	52	26	1	1	1
58	70	6	58	25	1	1	1
57	68	6	65	24	1	1	1
56	66	6	72	23	1	1	1

TABLE 2. ACCOUNTING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM_B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 2 - COMPUTATION

SAMPLE SIZE = 188. MEAN = 27.53, S.D. = 4.11

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
39	99	9	1	26	35	4	71
38	99	9	1	25	28	4	54
37	99	9	2	24	21	3	39
36	98	9	4	23	14	3	27
35	97	9	7	22	9	2	18
34	95	8	12	21	6	2	11
33	91	8	18	20	4	1	7
32	87	7	28	19	2	1	4
31	82	7	40	18	1	1	2
30	74	6	55	17	1	1	1
29	62	6	72	16	1	1	1
28	50	5	91	15	1	1	0
27	42	5	90	14	1	1	0

TABLE 3. ACCOUNTING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM_B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 3 - THREE-DIMENSIONAL SPACE

SAMPLE SIZE = 188. MEAN = 21.53, S.D. = 5.37

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
34	99	9	2	20	36	4	76
33	99	9	3	19	31	4	64
32	98	9	5	18	26	4	51
31	97	9	8	17	21	3	40
30	95	8	11	16	16	3	30
29	93	8	16	15	14	3	22
28	90	8	23	14	11	2	16
27	86	7	31	13	8	2	11
26	80	7	40	12	5	2	8
25	71	6	52	11	3	1	5
24	64	6	65	10	2	1	3
23	57	5	78	9	1	1	2
22	50	5	93	8	1	1	1
21	43	5	92	7	1	1	1

TABLE 4. ACCOUNTING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 4 - VOCABULARY

SAMPLE SIZE = 188, MEAN = 21.43, S.D. = 5.12

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
35	99	9	1	21	49	5	93
34	98	9	1	20	41	5	78
33	98	9	2	19	33	4	64
32	98	9	4	18	26	4	50
31	97	9	6	17	19	3	39
30	95	8	9	16	13	3	29
29	92	8	14	15	9	2	21
28	88	7	20	14	6	2	15
27	85	7	28	13	4	1	10
26	81	7	37	12	3	1	7
25	77	7	49	11	3	1	4
24	71	6	62	10	2	1	3
23	63	6	76	9	1	1	2
22	56	5	91	8	1	1	1

TABLE 5. ACCOUNTING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 5 - TOOL MATCHING

SAMPLE SIZE = 188, MEAN = 31.51, S.D. = 5.66

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
47	99	9	1	29	35	4	66
46	99	9	1	28	29	4	54
45	98	9	2	27	22	3	43
44	97	9	3	26	15	3	33
43	96	9	4	25	11	3	25
42	95	8	6	24	7	2	18
41	94	8	9	23	4	2	13
40	93	8	13	22	3	1	9
39	91	8	19	21	3	1	6
38	89	7	25	20	2	1	4
37	87	7	33	19	1	1	3
36	82	7	43	18	1	1	2
35	75	6	54	17	1	1	1
34	68	6	66	16	1	1	1
33	59	5	79	15	1	1	0
32	52	5	93	14	1	1	0
31	47	5	93	13	1	1	0
30	41	5	79				

TABLE 6. ACCOUNTING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 6 - ARITHMETIC REASON

SAMPLE SIZE = 188. MEAN = 13.91. S.D. = 2.66

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
20	99	9	2	12	22	3	47
19	97	9	6	11	12	3	27
18	93	8	12	10	7	2	14
17	88	7	24	9	4	1	6
16	80	7	43	8	2	1	3
15	65	6	68	7	2	1	1
14	50	5	97	6	1	1	0
13	36	4	73	5	1	1	0

TABLE 7. ACCOUNTING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 7 - FORM MATCHING

SAMPLE SIZE = 188. MEAN = 29.82. S.D. = 5.84

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
46	99	9	1	29	47	5	89
45	99	9	1	28	41	5	76
44	99	9	2	27	35	4	63
43	99	9	2	26	29	4	51
42	98	9	4	25	23	3	41
41	96	9	6	24	18	3	32
40	95	8	8	23	12	3	24
39	93	8	12	22	8	2	18
38	90	8	16	21	5	2	13
37	88	7	22	20	3	1	9
36	85	7	29	19	2	1	6
35	81	7	38	18	1	1	4
34	76	6	47	17	1	1	3
33	70	6	59	16	1	1	2
32	64	6	71	15	1	1	1
31	57	5	84	14	1	1	1
30	53	5	98	13	1	1	0

TABLE 8. ACCOUNTING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 8 - MARK MAKING

SAMPLE SIZE = 186, MEAN = 72.64, S.D. = 9.72

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
91	99	9	6	63	13	3	32
90	98	9	7	62	12	3	27
89	95	8	9	61	12	3	23
88	94	8	11	60	10	2	19
87	93	8	14	59	8	2	16
86	90	8	17	58	7	2	13
85	88	7	20	57	6	2	11
84	86	7	24	56	5	2	9
83	85	7	29	55	4	2	7
82	84	7	34	54	4	1	6
81	84	7	39	53	3	1	4
80	81	7	45	52	3	1	3
79	76	6	51	51	3	1	3
78	74	6	58	50	2	1	2
77	70	6	65	49	2	1	2
76	65	6	73	48	2	1	1
75	59	5	81	47	2	1	1
74	53	5	89	46	2	1	1
73	48	5	97	45	2	1	0
72	44	5	95	44	2	1	0
71	40	4	87	43	1	1	0
70	34	4	79	42	1	1	0
69	31	4	71	41	1	1	0
68	28	4	63	40	1	1	0
67	23	4	56	39	1	1	0
66	20	3	49	38	1	1	0
65	18	3	43	37	1	1	0
64	16	3	37	36	1	1	0

TABLE 1. CLERICAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 1 - NAME COMPARISON

SAMPLE SIZE = 220, MEAN = 52.93, S.D. = 10.02

RAW SCORE	PERCENTILE	STANINE	CENTOUR	RAW SCORE	PERCENTILE	STANINE	CENTOUR
82	99	9	0	56	69	6	76
81	99	9	1	55	64	6	84
80	99	9	1	54	59	5	91
79	99	9	1	53	55	5	99
78	98	9	1	52	51	5	93
77	98	9	2	51	46	5	85
76	97	9	2	50	42	5	77
75	97	9	3	49	37	4	70
74	96	9	4	48	33	4	62
73	95	8	5	47	29	4	55
72	94	8	6	46	24	4	49
71	93	8	7	45	20	3	43
70	92	8	9	44	16	3	37
69	92	8	11	43	13	3	32
68	91	8	13	42	12	3	28
67	90	8	16	41	11	2	23
66	89	8	19	40	9	2	20
65	89	7	23	39	7	2	16
64	88	7	27	38	6	2	14
63	85	7	31	37	4	2	11
62	84	7	37	36	3	1	9
61	82	7	42	35	2	1	7
60	78	7	48	34	2	1	6
59	74	6	54	33	1	1	5
58	72	6	61	32	1	1	4
57	71	6	68				

TABLE 2. CLERICAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 2 - COMPUTATION

SAMPLE SIZE = 222, MEAN = 25.55, S.D. = 3.59

RAW SCORE	PERCENTILE	STANINE	CENTOUR	RAW SCORE	PERCENTILE	STANINE	CENTOUR
34	99	9	2	24	35	4	67
33	99	9	4	23	25	4	48
32	97	9	7	22	17	3	32
31	94	8	13	21	11	2	21
30	89	8	21	20	5	2	12
29	82	7	34	19	3	1	7
28	73	6	49	18	2	1	4
27	64	6	69	17	1	1	2
26	54	5	90	16	1	1	1
25	44	5	88	15	1	1	0

TABLE 3. CLERICAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 3 - THREE-DIMENSIONAL SPACE

SAMPLE SIZE = 222, MEAN = 19.54, S.D. = 5.44

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
32	99	9	2
31	99	9	4
30	97	9	5
29	95	8	8
28	93	8	12
27	92	8	17
26	89	8	23
25	84	7	32
24	79	7	41
23	73	6	52
22	66	6	65
21	59	5	79
20	52	5	93
19	45	5	92
18	37	4	78
17	30	4	64
16	26	4	51
15	22	3	40
14	17	3	31
13	12	3	23
12	8	2	17
11	6	2	12
10	4	2	8
9	3	1	5
8	2	1	3
7	1	1	2
6	1	1	1
5	1	1	1
4	1	1	0

TABLE 4. CLERICAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 4 - VOCABULARY

SAMPLE SIZE = 222, MEAN = 20.64, S.D. = 5.02

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
38	99	9	0
37	99	9	0
36	99	9	0
35	99	9	0
34	99	9	1
33	99	9	1
32	98	9	2
31	98	9	4
30	97	9	6
29	95	8	10
28	93	8	14
27	91	8	21
26	87	7	29
25	80	7	39
24	74	6	50
23	71	6	64
22	64	6	79
21	54	5	94
20	45	5	90
19	38	4	74
18	31	4	60
17	23	3	47
16	17	3	36
15	13	3	26
14	9	2	19
13	6	2	13
12	4	1	9
11	2	1	5
10	1	1	3
9	1	1	2
8	1	1	1
7	1	1	1
6	1	1	0
5	1	1	0

TABLE 5. CLERICAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 5 - TOOL MATCHING

SAMPLE SIZE = 222, MEAN = 31.66, S.D. = 4.86

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
45	99	9	1
44	99	9	1
43	98	9	2
42	98	9	3
41	97	9	5
40	95	8	9
39	94	8	13
38	90	8	19
37	86	7	27
36	81	7	37
35	74	6	49
34	68	6	63
33	61	6	78
32	53	5	94
31	45	5	89
30	39	4	73
29	33	4	58
28	25	4	45
27	16	3	34
26	10	2	24
25	7	2	17
24	4	2	12
23	3	1	7
22	2	1	5
21	2	1	3
20	1	1	2
19	1	1	1
18	1	1	0
17	1	1	0

TABLE 6. CLERICAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 6 - ARITHMETIC REASON

SAMPLE SIZE = 222, MEAN = 12.35, S.D. = 2.50

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
20	99	9	0
19	99	9	1
18	99	9	2
17	97	9	6
16	92	8	14
15	84	7	29
14	74	6	51
13	62	6	79
12	47	5	89
11	31	4	59
10	18	3	35
9	9	2	18
8	3	1	8
7	1	1	3

TABLE 7. CLERICAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 7 - FORM MATCHING

SAMPLE SIZE = 222, MEAN = 28.50, S.D. = 5.56

RAW SCORE	PERCENTILE	STANINE	CENTOUR	RAW SCORE	PERCENTILE	STANINE	CENTOUR
45	99	9	0	27	42	5	79
44	99	9	1	26	32	4	65
43	99	9	1	25	23	4	53
42	98	9	2	24	17	3	42
41	98	9	2	23	14	3	32
40	98	9	4	22	10	2	24
39	96	9	6	21	7	2	18
38	95	8	9	20	6	2	13
37	94	8	13	19	4	2	9
36	92	8	18	18	3	1	6
35	89	7	24	17	2	1	4
34	85	7	32	16	2	1	2
33	80	7	42	15	2	1	2
32	73	6	53	14	1	1	1
31	68	6	65	13	1	1	1
30	63	6	79	12	1	1	0
29	57	5	93	11	1	1	0
28	50	5	93				

TABLE 8. CLERICAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 8 - MARK MAKING

SAMPLE SIZE = 212, MEAN = 75.08, S.D. = 7.95

RAW SCORE	PERCENTILE	STANINE	CENTOUR	RAW SCORE	PERCENTILE	STANINE	CENTOUR
95	99	9	1	74	44	5	89
94	99	9	2	73	39	4	79
93	98	9	2	72	35	4	70
92	98	9	3	71	32	4	61
91	97	9	5	70	26	4	52
90	96	9	6	69	20	3	44
89	96	8	8	68	18	3	37
88	95	8	10	67	16	3	31
87	93	8	13	66	14	3	25
86	91	8	17	65	12	3	20
85	89	8	21	64	10	2	16
84	87	7	26	63	8	2	13
83	85	7	32	62	6	2	10
82	82	7	38	61	4	1	8
81	79	7	46	60	3	1	6
80	74	6	54	59	2	1	4
79	68	6	62	58	1	1	3
78	65	6	71	57	1	1	2
77	59	5	81	56	1	1	2
76	53	5	91	55	1	1	1
75	48	5	99				

TABLE 1. COSMETOLOGY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 1 - NAME COMPARISON

SAMPLE SIZE = 120, MEAN = 53.38, S.D. = 9.90

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
92	99	9	0	61	77	7	44
91	99	9	0	60	75	6	50
90	99	9	0	59	73	6	57
89	99	9	0	58	72	6	64
88	99	9	0	57	70	6	71
87	99	9	0	56	68	6	79
86	99	9	0	55	65	6	87
85	98	9	0	54	61	6	95
84	98	9	0	53	57	5	97
83	98	9	0	52	51	5	89
82	98	9	0	51	45	5	81
81	98	9	1	50	40	4	73
80	98	9	1	49	33	4	66
79	98	9	1	48	27	4	59
78	98	9	1	47	22	3	52
77	98	9	2	46	19	3	46
76	98	9	2	45	16	3	40
75	98	9	3	44	13	3	34
74	98	9	4	43	11	3	29
73	98	9	5	42	10	2	25
72	97	9	6	41	9	2	21
71	96	8	8	40	8	2	18
70	93	8	9	39	6	2	15
69	92	8	11	38	4	2	12
68	92	8	14	37	3	1	10
67	91	8	17	36	2	1	8
66	90	8	20	35	1	1	6
65	89	7	24	34	1	1	5
64	87	7	28	33	1	1	4
63	86	7	33	32	1	1	3
62	82	7	38	31	1	1	2

TABLE 2. COSMETOLOGY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 2 - COMPUTATION

SAMPLE SIZE = 120, MEAN = 24.06, S.D. = 3.91

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
38	99	9	0	26	71	6	62
37	99	9	0	25	62	6	81
36	98	9	0	24	52	5	99
35	98	9	1	23	40	4	79
34	98	9	1	22	30	4	60
33	98	9	2	21	23	3	43
32	97	9	4	20	15	3	30
31	95	8	8	19	7	2	20
30	94	8	13	18	4	1	12
29	92	8	21	17	2	1	7
28	86	7	31	16	2	1	4
27	80	7	45	15	1	1	2

TABLE 3. COSMETOLOGY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 3 - THREE-DIMENSIONAL SPACE

SAMPLE SIZE = 120, MEAN = 21.05, S.D. = 5.22

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
33	99	9	2	19	33	4	69
32	98	9	4	18	27	4	56
31	98	9	6	17	21	3	44
30	98	9	9	16	16	3	33
29	96	8	13	15	12	3	25
28	92	8	18	14	10	2	18
27	88	7	25	13	7	2	12
26	82	7	34	12	5	2	8
25	75	6	45	11	4	2	5
24	67	6	57	10	4	1	3
23	6[illegible]	6	71	9	2	1	2
22	56	5	86	8	1	1	1
21	49	5	99	7	1	1	1
20	40	5	84				

TABLE 4. COSMETOLOGY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 4 - VOCABULARY

SAMPLE SIZE = 120, MEAN = 20.26, S.D. = 5.50

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
35	99	9	1
34	99	9	1
33	99	9	2
32	99	9	3
31	98	9	5
30	95	8	8
29	92	8	11
28	91	8	16
27	88	7	22
26	85	7	30
25	82	7	39
24	78	7	50
23	71	6	62
22	62	6	75
21	52	5	89
20	44	5	96
19	40	4	82
18	36	4	68
17	29	4	55
16	25	4	44
15	20	3	34
14	14	3	26
13	10	2	19
12	7	2	13
11	5	2	9
10	2	1	6
9	1	1	4
8	1	1	3

TABLE 5. COSMETOLOGY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 5 - TOOL MATCHING

SAMPLE SIZE = 120, MEAN = 35.47, S.D. = 6.01

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
47	99	9	6
46	96	9	8
45	93	8	11
44	90	8	16
43	86	7	21
42	83	7	28
41	80	7	36
40	76	6	45
39	72	6	56
38	66	6	67
37	58	5	80
36	53	5	93
35	48	5	94
34	41	5	81
33	35	4	68
32	30	4	56
31	25	4	46
30	20	3	36
29	18	3	28
28	15	3	21
27	9	2	16
26	5	2	12
25	2	1	8
24	2	1	6
23	2	1	4
22	1	1	3

TABLE 6. COSMETOLOGY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 6 - ARITHMETIC REASON

SAMPLE SIZE = 120, MEAN = 11.97, S.D. = 2.34

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
18	99	9	1
17	98	9	3
16	96	8	9
15	90	8	20
14	80	7	39
13	65	6	66
12	49	5	99
11	35	4	68
10	22	3	40
9	11	3	20
8	5	2	9
7	2	1	3

TABLE 7. COSMETOLOGY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 7 - FORM MATCHING

SAMPLE SIZE = 120, MEAN = 30.03, S.D. = 5.96

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
50	99	9	0
49	98	9	0
48	98	9	0
47	98	9	0
46	98	9	1
45	98	9	1
44	98	9	2
43	98	9	3
42	98	9	4
41	97	9	7
40	95	8	9
39	94	8	13
38	91	8	18
37	88	7	24
36	84	7	32
35	80	7	40
34	77	6	51
33	72	6	62
32	67	6	74
31	58	5	87
30	51	5	100
29	45	5	86
28	36	4	73
27	30	4	61
26	25	4	50
25	21	3	40
24	17	3	31
23	13	3	24
22	9	2	18
21	5	2	13
20	2	1	9
19	1	1	6
18	1	1	4
17	1	1	3

TABLE 8. COSMETOLOGY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 8 - MARK MAKING

SAMPLE SIZE = 118. MEAN = 74.10. S.D. = 7.91

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
94	99	9	1
93	99	9	2
92	99	9	2
91	99	9	3
90	97	9	4
89	97	9	6
88	97	9	8
87	96	9	10
86	95	8	13
85	94	8	17
84	91	8	21
83	89	7	26
82	86	7	32
81	82	7	38
80	76	6	46
79	70	6	54
78	66	6	62
77	61	6	71
76	58	5	81
75	56	5	91
74	49	5	99
73	41	5	89
72	36	4	79
71	33	4	70
70	30	4	60
69	25	4	52
68	22	3	44
67	17	3	37
66	13	3	31
65	13	3	25
64	11	3	20
63	9	2	16
62	8	2	13
61	6	2	10
60	5	2	7
59	3	1	6
58	3	1	4
57	3	1	3
56	2	1	2
55	1	1	2
54	1	1	1
53	1	1	1
52	1	1	1
51	1	1	0
50	1	1	0

TABLE 1. PRACTICAL NURSING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 1 - NAME COMPARISON

SAMPLE SIZE = 256, MEAN = 54.70, S.D. = 11.04

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
91	99	9	0	57	60	5	83
90	99	9	0	56	58	5	91
89	99	9	0	55	57	5	98
88	98	9	0	54	54	5	95
87	98	9	0	53	49	5	88
86	98	9	0	52	45	5	81
85	98	9	1	51	41	5	74
84	98	9	1	50	36	4	67
83	98	9	1	49	31	4	61
82	98	9	1	48	27	4	54
81	98	9	2	47	23	4	49
80	98	9	2	46	20	3	43
79	98	9	3	45	16	3	38
78	98	9	3	44	13	3	33
77	97	9	4	43	13	3	29
76	97	9	5	42	11	3	25
75	96	9	7	41	8	2	21
74	96	8	8	40	7	2	18
73	95	8	10	39	6	2	16
72	94	8	12	38	5	2	13
71	93	8	14	37	5	2	11
70	92	8	17	36	4	1	9
69	90	8	20	35	3	1	7
68	88	7	23	34	3	1	6
67	86	7	27	33	2	1	5
66	84	7	31	32	1	1	4
65	82	7	35	31	1	1	3
64	80	7	40	30	1	1	3
63	78	7	45	29	1	1	2
62	76	6	51	28	1	1	2
61	73	6	57	27	1	1	1
60	69	6	63	26	1	1	1
59	65	6	70	25	1	1	1
58	62	6	76	24	1	1	1

TABLE 2. PRACTICAL NURSING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 2 - COMPUTATION

SAMPLE SIZE = 256, MEAN = 25.85, S.D. = 4.01

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
38	99	9	0
37	99	9	1
36	99	9	1
35	99	9	2
34	99	9	4
33	97	9	7
32	94	8	13
31	89	8	20
30	83	7	30
29	76	6	43
28	70	6	59
27	63	6	77
26	53	5	97
25	42	5	83
24	32	4	65
23	24	4	48
22	16	3	34
21	11	2	23
20	7	2	15
19	4	2	9
18	2	1	5
17	1	1	3
16	1	1	1
15	1	1	1
14	1	1	0
13	1	1	0
12	1	1	0
11	1	1	0
10	1	1	0

TABLE 3. PRACTICAL NURSING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 3 - THREE-DIMENSIONAL SPACE

SAMPLE SIZE = 256, MEAN = 21.24, S.D. = 5.52

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
34	99	9	2
33	99	9	3
32	98	9	5
31	97	9	8
30	96	8	11
29	93	8	16
28	88	7	22
27	83	7	30
26	79	7	39
25	73	6	50
24	68	6	62
23	61	6	75
22	54	5	89
21	48	5	97
20	41	5	82
19	34	4	68
18	28	4	56
17	21	3	44
16	16	3	34
15	13	3	26
14	11	2	19
13	8	2	14
12	6	2	9
11	4	1	6
10	3	1	4
9	2	1	3
8	1	1	2
7	1	1	1
6	1	1	1

TABLE 4. PRACTICAL NURSING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 4 - VOCABULARY

SAMPLE SIZE = 256, MEAN = 23.78, S.D. = 5.47

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
39	99	9	1	23	49	5	89
38	99	9	1	22	40	5	75
37	99	9	2	21	32	4	61
36	98	9	3	20	24	4	49
35	97	9	4	19	19	3	38
34	96	9	6	18	13	3	29
33	95	8	9	17	8	2	22
32	92	8	13	16	6	2	15
31	89	7	19	15	4	2	11
30	86	7	25	14	3	1	7
29	82	7	34	13	2	1	5
28	77	7	44	12	2	1	3
27	72	6	56	11	1	1	2
26	67	6	68	10	1	1	1
25	62	6	82	9	1	1	1
24	57	5	97	8	1	1	0

TABLE 5. PRACTICAL NURSING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 5 - TOOL MATCHING

SAMPLE SIZE = 256, MEAN = 33.68, S.D. = 5.69

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
48	99	9	1	29	21	3	41
47	99	9	2	28	16	3	32
46	99	9	3	27	12	3	24
45	98	9	5	26	8	2	18
44	97	9	7	25	6	2	13
43	95	8	10	24	4	2	9
42	93	8	14	23	3	1	6
41	91	8	20	22	2	1	4
40	87	7	27	21	1	1	3
39	82	7	35	20	1	1	2
38	77	7	45	19	1	1	1
37	71	6	56	18	1	1	1
36	66	6	68	17	1	1	0
35	61	6	82	16	1	1	0
34	53	5	96	15	1	1	0
33	43	5	90	14	1	1	0
32	36	4	77	13	1	1	0
31	29	4	64	12	1	1	0
30	24	4	52				

TABLE 6. PRACTICAL NURSING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 6 - ARITHMETIC REASON

SAMPLE SIZE = 256, MEAN = 13.05, S.D. = 2.54

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
22	99	9	0
21	99	9	0
20	99	9	1
19	98	9	2
18	98	9	5
17	96	8	12
16	88	7	24
15	76	6	44
14	63	6	71
13	50	5	99
12	35	4	68
11	22	3	42
10	11	3	23
9	5	2	11
8	2	1	5
7	1	1	2
6	1	1	1
5	1	1	0

TABLE 7. PRACTICAL NURSING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 7 - FORM MATCHING

SAMPLE SIZE = 256, MEAN = 29.56, S.D. = 5.94

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
47	99	9	0
46	99	9	1
45	99	9	1
44	99	9	2
43	99	9	2
42	98	9	4
41	97	9	5
40	96	8	8
39	93	8	11
38	90	8	16
37	87	7	21
36	84	7	28
35	81	7	36
34	76	6	46
33	71	6	56
32	66	6	68
31	61	6	81
30	54	5	94
29	50	5	92
28	44	5	79
27	38	4	67
26	33	4	55
25	25	4	44
24	19	3	35
23	12	3	27
22	8	2	20
21	5	2	15
20	3	1	11
19	2	1	8
18	2	1	5
17	1	1	3
16	1	1	2
15	1	1	1

TABLE 8. PRACTICAL NURSING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 8 - MARK MAKING

SAMPLE SIZE = 255, MEAN = 76.25, S.D. = 7.86

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
97	99	9	1	76	48	5	97
96	99	9	1	75	43	5	87
95	99	9	2	74	39	4	77
94	98	9	2	73	35	4	68
93	98	9	3	72	31	4	59
92	97	9	5	71	27	4	50
91	97	9	6	70	21	3	43
90	95	8	8	69	15	3	36
89	94	8	11	68	13	3	29
88	93	8	14	67	11	2	24
87	93	8	17	66	9	2	19
86	90	8	22	65	8	2	15
85	88	7	27	64	7	2	12
84	84	7	32	63	6	2	9
83	80	7	39	62	4	2	7
82	76	6	46	61	3	1	5
81	73	6	55	60	3	1	4
80	67	6	63	59	2	1	3
79	62	6	73	58	1	1	2
78	59	5	82	57	1	1	1
77	53	5	92	56	1	1	1

TABLE 1. SECRETARIAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 1 - NAME COMPARISON

SAMPLE SIZE = 323, MEAN = 55.83, S.D. = 10.24

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
85	99	9	0	57	56	5	91
84	99	9	1	56	52	5	99
83	99	9	1	55	48	5	94
82	99	9	1	54	45	5	86
81	98	9	1	53	42	5	78
80	98	9	2	52	37	4	71
79	98	9	2	51	33	4	64
78	97	9	3	50	29	4	57
77	96	9	4	49	25	4	51
76	96	8	5	48	21	3	44
75	95	8	6	47	18	3	39
74	94	8	8	46	15	3	34
73	93	8	9	45	13	3	29
72	92	8	11	44	12	3	25
71	91	8	14	43	11	2	21
70	91	8	17	42	9	2	18
69	90	8	20	41	7	2	15
68	88	7	23	40	6	2	12
67	87	7	28	39	5	2	10
66	86	7	32	38	3	1	8
65	84	7	37	37	2	1	7
64	81	7	42	36	2	1	5
63	78	7	48	35	1	1	4
62	76	6	55	34	1	1	3
61	73	6	61	33	1	1	3
60	69	6	68	32	1	1	2
59	65	6	76	31	1	1	2
58	60	6	83				

TABLE 2. SECRETARIAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 2 - COMPUTATION

SAMPLE SIZE = 323, MEAN = 27.07, S.D. = 3.99

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
38	99	9	1	24	22	3	44
37	99	9	1	23	13	3	31
36	99	9	3	22	8	2	20
35	98	9	5	21	5	2	13
34	96	8	8	20	4	1	8
33	92	8	14	19	2	1	4
32	88	7	22	18	1	1	2
31	84	7	33	17	1	1	1
30	77	6	46	16	1	1	1
29	69	6	63	15	1	1	0
28	61	6	82	14	1	1	0
27	51	5	99	13	1	1	0
26	40	5	79	12	1	1	0
25	31	4	60				

TABLE 3. SECRETARIAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 3 - THREE-DIMENSIONAL SPACE

SAMPLE SIZE = 323, MEAN = 20.68, S.D. = 5.00

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
33	99	9	1	19	37	4	74
32	99	9	2	18	30	4	59
31	99	9	4	17	23	3	46
30	98	9	6	16	18	3	35
29	96	9	10	15	15	3	26
28	94	8	14	14	10	2	18
27	91	8	21	13	7	2	12
26	86	7	29	12	5	2	8
25	80	7	39	11	4	1	5
24	74	6	51	10	2	1	3
23	65	6	64	9	1	1	2
22	57	5	79	8	1	1	1
21	48	5	95	7	1	1	1
20	42	5	89	6	1	1	0

TABLE 4. SECRETARIAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 4 - VOCABULARY

SAMPLE SIZE = 323, MEAN = 23.57, S.D. = 5.47

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
41	99	9	0	25	63	6	79
40	99	9	0	24	57	5	94
39	99	9	0	23	50	5	92
38	99	9	1	22	43	5	77
37	99	9	1	21	37	4	64
36	98	9	2	20	29	4	51
35	97	9	4	19	21	3	40
34	97	9	6	18	14	3	31
33	96	8	8	17	10	2	23
32	94	8	12	16	7	2	17
31	90	8	17	15	4	1	12
30	86	7	24	14	2	1	8
29	82	7	32	13	1	1	5
28	77	7	42	12	1	1	3
27	73	6	53	11	1	1	2
26	69	6	66				

TABLE 5. SECRETARIAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 5 - TOOL MATCHING

SAMPLE SIZE = 323, MEAN = 32.73, S.D. = 5.42

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
47	99	9	1	29	26	4	49
46	99	9	1	28	19	3	38
45	99	9	2	27	14	3	29
44	98	9	4	26	11	2	21
43	97	9	6	25	8	2	15
42	96	9	9	24	6	2	11
41	94	8	13	23	4	1	7
40	91	8	18	22	2	1	5
39	88	7	25	21	1	1	3
38	83	7	33	20	1	1	2
37	78	7	43	19	1	1	1
36	73	6	55	18	1	1	1
35	66	6	68	17	1	1	0
34	57	5	81	16	1	1	0
33	50	5	96	15	1	1	0
32	44	5	89	14	1	1	0
31	37	4	75	13	1	1	0
30	31	4	61	12	1	1	0

TABLE 6. SECRETARIAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 6 - ARITHMETIC REASON

SAMPLE SIZE = 323, MEAN = 13.68, S.D. = 2.51

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
20	99	9	1	12	26	4	50
19	99	9	3	11	16	3	29
18	96	9	9	10	8	2	14
17	90	8	19	9	3	1	6
16	81	7	36	8	1	1	2
15	68	6	60	7	1	1	1
14	54	5	90	6	1	1	0
13	40	5	79				

TABLE 7. SECRETARIAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 7 - FORM MATCHING

SAMPLE SIZE = 323, MEAN = 30.43, S.D. = 5.83

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
53	99	9	0	31	56	5	92
52	99	9	0	30	49	5	94
51	99	9	0	29	42	5	81
50	99	9	0	28	36	4	68
49	99	9	0	27	28	4	56
48	99	9	0	26	22	3	45
47	99	9	0	25	17	3	35
46	99	9	1	24	12	3	27
45	99	9	1	23	8	2	20
44	99	9	2	22	6	2	15
43	98	9	3	21	4	2	11
42	97	9	5	20	3	1	7
41	95	8	7	19	2	1	5
40	94	8	10	18	1	1	3
39	92	8	14	17	1	1	2
38	90	8	19	16	1	1	1
37	88	7	26	15	1	1	1
36	83	7	34	14	1	1	0
35	78	7	43	13	1	1	0
34	74	6	54	12	1	1	0
33	69	6	66	11	1	1	0
32	63	6	79				

TABLE 8. SECRETARIAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) GATB RAW PART-SCORES
PART 8 - MARK MAKING

SAMPLE SIZE = 296, MEAN = 78.82, S.D. = 8.67

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
100	99	9	1	72	21	3	43
99	99	9	2	71	18	3	37
98	99	9	3	70	15	3	31
97	99	9	4	69	12	3	26
96	98	9	5	68	10	2	21
95	97	9	6	67	8	2	17
94	96	8	8	66	6	2	14
93	95	8	10	65	5	2	11
92	94	8	13	64	4	1	9
91	92	8	16	63	3	1	7
90	90	8	20	62	2	1	5
89	88	7	24	61	2	1	4
88	86	7	29	60	2	1	3
87	83	7	35	59	1	1	2
86	81	7	41	58	1	1	2
85	77	7	48	57	1	1	1
84	73	6	55	56	1	1	1
83	68	6	63	55	1	1	1
82	64	6	71	54	1	1	0
81	60	5	80	53	1	1	0
80	55	5	89	52	1	1	0
79	49	5	98	51	1	1	0
78	45	5	92	50	1	1	0
77	39	4	83	49	1	1	0
76	35	4	74	48	1	1	0
75	32	4	66	47	1	1	0
74	28	4	58	46	1	1	0
73	24	4	50	45	1	1	0

APPENDIX C

APTITUDE SCORE NORM TABLES

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Cluster II

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TABLE 1. AUTOMOTIVES
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE G -- INTELLIGENCE

SAMPLE SIZE = 171, MEAN = 106.29, S.D. = 13.03

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
139	99	9	1	104	43	5	86
138	99	9	1	103	39	4	80
137	99	9	2	102	35	4	74
136	99	9	2	101	31	4	68
135	99	9	3	100	27	4	63
134	99	9	3	99	25	4	58
133	99	9	4	98	25	4	52
132	98	9	5	97	24	4	48
131	96	9	6	96	21	3	43
130	95	8	7	95	18	3	39
129	94	8	8	94	15	3	35
128	94	8	10	93	12	3	31
127	94	8	11	92	11	2	27
126	92	8	13	91	9	2	24
125	91	8	15	90	9	2	21
124	90	8	17	89	8	2	18
123	90	8	20	88	8	2	16
122	89	8	23	87	7	2	14
121	87	7	26	86	7	2	12
120	85	7	29	85	6	2	10
119	83	7	33	84	6	2	9
118	82	7	37	83	5	2	7
117	80	7	41	82	4	2	6
116	78	7	46	81	4	2	5
115	77	6	50	80	4	2	4
114	74	6	55	79	4	1	4
113	71	6	61	78	3	1	3
112	68	6	66	77	3	1	2
111	66	6	72	76	2	1	2
110	64	6	78	75	1	1	2
109	61	6	84	74	1	1	1
108	57	5	90	73	1	1	1
107	52	5	96	72	1	1	1
106	49	5	98	71	1	1	1
105	46	5	92	70	1	1	1

TABLE 2. AUTOMOTIVES
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE V -- VERBAL APTITUDE

SAMPLE SIZE = 171. MEAN = 95.43. S.D. = 10.98

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
127	99	9	0	97	58	5	89
126	99	9	1	96	54	5	96
125	99	9	1	95	50	5	97
124	99	9	1	94	46	5	90
123	99	9	1	93	42	5	82
122	98	9	2	92	37	4	75
121	98	9	2	91	32	4	69
120	98	9	3	90	30	4	62
119	98	9	3	89	27	4	56
118	98	9	4	88	25	4	50
117	96	9	5	87	22	3	44
116	95	8	6	86	20	3	39
115	95	8	7	85	19	3	34
114	94	8	9	84	15	3	30
113	94	8	11	83	12	3	26
112	94	8	13	82	11	2	22
111	93	8	16	81	9	2	19
110	91	8	18	80	8	2	16
109	91	8	22	79	7	2	13
108	88	7	25	78	6	2	11
107	86	7	29	77	4	2	9
106	84	7	34	76	4	1	8
105	81	7	38	75	4	1	6
104	79	7	44	74	2	1	5
103	77	6	49	73	1	1	4
102	74	6	55	72	1	1	3
101	71	6	61	71	1	1	3
100	67	6	68	70	1	1	2
99	64	6	75	69	1	1	2
98	61	6	82	68	1	1	1

TABLE 3. AUTOMOTIVES
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE N -- NUMERICAL APTITUDE

SAMPLE SIZE = 171. MEAN = 103.62 S.D. = 13.80

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
142	99	9	1	106	59	5	86
141	99	9	1	105	56	5	92
140	99	9	1	104	54	5	98
139	99	9	1	103	51	5	96
138	99	9	1	102	48	5	91
137	99	9	2	101	44	5	85
136	99	9	2	100	40	4	79
135	98	9	2	99	37	4	74
134	97	9	3	98	34	4	68
133	97	9	3	97	31	4	63
132	96	9	4	96	29	4	58
131	96	9	5	95	27	4	53
130	96	8	6	94	24	4	49
129	95	8	7	93	21	3	44
128	95	8	8	92	19	3	40
127	94	8	9	91	17	3	36
126	93	8	10	90	16	3	32
125	93	8	12	89	14	3	29
124	92	8	14	88	12	3	26
123	91	8	16	87	11	2	23
122	91	8	18	86	10	2	20
121	90	8	21	85	10	2	18
120	89	8	24	84	8	2	16
119	88	7	26	83	7	2	14
118	87	7	30	82	7	2	12
117	85	7	33	81	6	2	10
116	83	7	37	80	5	2	9
115	82	7	41	79	4	1	7
114	81	7	45	78	3	1	6
113	78	7	50	77	2	1	5
112	74	6	54	76	2	1	5
111	70	6	59	75	2	1	4
110	68	6	64	74	1	1	3
109	65	6	70	73	1	1	3
108	62	6	75	72	1	1	2
107	60	6	81				

TABLE 4. AUTOMOTIVES
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE S -- SPATIAL APTITUDE

SAMPLE SIZE = 171. MEAN = 119.61. S.D. = 17.28

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
160	99	9	2	113	28	4	70
159	99	9	2	112	28	4	66
158	99	9	3	111	28	4	62
157	99	9	3	110	26	4	58
156	99	9	3	109	23	4	54
155	99	9	4	108	23	4	50
154	99	9	5	107	21	3	46
153	99	9	5	106	19	3	43
152	98	9	6	105	19	3	40
151	98	9	7	104	18	3	37
150	98	9	8	103	16	3	34
149	98	9	9	102	16	3	31
148	98	9	10	101	15	3	28
147	96	9	11	100	14	3	26
146	95	8	13	99	14	3	23
145	95	8	14	98	14	3	21
144	95	8	16	97	13	3	19
143	93	8	18	96	11	3	17
142	92	8	19	95	11	3	15
141	92	8	22	94	11	2	14
140	90	8	24	93	10	2	12
139	88	7	26	92	10	2	11
138	88	7	29	91	8	2	10
137	85	7	31	90	7	2	9
136	82	7	34	89	7	2	8
135	82	7	37	88	6	2	7
134	82	7	40	87	5	2	6
133	80	7	44	86	5	2	5
132	77	7	47	85	5	2	4
131	77	7	51	84	4	1	4
130	73	6	55	83	2	1	3
129	69	6	59	82	2	1	3
128	69	6	63	81	2	1	3
127	64	6	67	80	1	1	2
126	60	5	71	79	1	1	2
125	60	5	75	78	1	1	2
124	54	5	80	77	1	1	1
123	47	5	84	76	1	1	1
122	47	5	89	75	1	1	1
121	47	5	94	74	1	1	1
120	44	5	98	73	1	1	1
119	42	5	97	72	1	1	1
118	42	5	93	71	1	1	0
117	39	4	88	70	1	1	0
116	36	4	83	69	1	1	0
115	36	4	79	68	1	1	0
114	32	4	74				

TABLE 5. AUTOMOTIVES
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE P -- FORM PERCEPTION

SAMPLE SIZE = 169. MEAN = 111.65 S.D. = 17.70

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
156	99	9	1	112	49	5	98
155	99	9	1	111	48	5	97
154	99	9	2	110	47	5	93
153	99	9	2	109	45	5	88
152	99	9	2	108	43	5	84
151	99	9	3	107	41	5	79
150	99	9	3	106	38	4	75
149	99	9	3	105	36	4	71
148	99	9	4	104	33	4	67
147	98	9	5	103	30	4	62
146	98	9	5	102	28	4	59
145	97	9	6	101	27	4	55
144	97	9	7	100	26	4	51
143	96	9	8	99	25	4	47
142	96	8	9	98	25	4	44
141	96	8	10	97	24	4	41
140	96	8	11	96	23	4	38
139	96	8	12	95	21	3	35
138	96	8	14	94	19	3	32
137	96	8	15	93	17	3	29
136	94	8	17	92	17	3	27
135	92	8	19	91	17	3	24
134	91	8	21	90	15	3	22
133	89	7	23	89	13	3	20
132	88	7	25	88	11	3	18
131	87	7	27	87	9	2	16
130	84	7	30	86	7	2	15
129	82	7	33	85	7	2	13
128	80	7	36	84	6	2	12
127	78	7	39	83	5	2	11
126	76	6	42	82	4	2	9
125	74	6	45	81	4	1	8
124	72	6	49	80	3	1	7
123	69	6	52	79	3	1	7
122	67	6	56	78	3	1	6
121	66	6	60	77	3	1	5
120	65	6	64	76	2	1	4
119	64	6	68	75	1	1	4
118	62	6	72	74	1	1	3
117	60	6	76	73	1	1	3
116	57	5	81	72	1	1	3
115	54	5	85	71	1	1	2
114	52	5	89	70	1	1	2
113	50	5	94				

TABLE 6. AUTOMOTIVES
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE Q -- CLERICAL PERCEPTION

SAMPLE SIZE = 169. MEAN = 108.60. S.D. = 11.80

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
136	99	9	2	108	43	5	96
135	99	9	3	107	39	4	89
134	99	9	3	106	38	4	83
133	98	9	4	105	36	4	76
132	98	9	5	104	31	4	70
131	97	9	6	103	28	4	63
130	97	9	7	102	28	4	58
129	97	9	8	101	26	4	52
128	96	8	10	100	23	4	47
127	95	8	12	99	21	3	42
126	95	8	14	98	18	3	37
125	94	8	16	97	17	3	33
124	92	8	19	96	15	3	29
123	91	8	22	95	14	3	25
122	88	7	26	94	12	3	22
121	86	7	29	93	11	2	19
120	84	7	33	92	11	2	16
119	80	7	38	91	10	2	14
118	76	6	43	90	8	2	11
117	74	6	48	89	7	2	10
116	74	6	53	88	6	2	8
115	72	6	59	87	5	2	7
114	69	6	65	86	4	2	6
113	64	6	71	85	4	2	5
112	58	5	77	84	3	1	4
111	55	5	84	83	2	1	3
110	53	5	91	82	2	1	2
109	47	5	97	81	1	1	2

TABLE 7. AUTOMOTIVES
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE K -- MOTOR COORDINATION

SAMPLE SIZE = 171. MEAN = 97.39. S.D. = 18.72

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
146	99	9	1	96	41	5	94
145	99	9	1	95	39	4	90
144	99	9	1	94	37	4	86
143	99	9	1	93	36	4	81
142	99	9	2	92	36	4	77
141	99	9	2	91	35	4	73
140	99	9	2	90	33	4	69
139	98	9	3	89	31	4	65
138	98	9	3	88	29	4	62
137	98	9	3				
136	98	9	4	87	28	4	58
135	98	9	4	86	25	4	54
134	98	9	5	85	23	3	51
133	98	9	6	84	21	3	47
132	97	9	6	83	20	3	44
131	96	9	7	82	17	3	41
130	96	9	8	81	13	3	38
129	96	9	9	80	13	3	35
128	96	9	10	79	12	3	33
127	96	8	11	78	11	2	30
126	95	8	13	77	9	2	28
125	95	8	14	76	8	2	25
124	94	8	16	75	8	2	23
123	93	8	17	74	7	2	21
122	93	8	19	73	7	2	19
121	93	8	21	72	7	2	18
120	92	8	23	71	7	2	16
119	91	8	25	70	6	2	14
118	90	8	27	69	6	2	13
117	89	7	29	68	6	2	12
116	88	7	32	67	5	2	10
115	87	7	35	66	5	2	9
114	86	7	37	65	4	2	8
113	83	7	40	64	4	2	7
112	80	7	43	63	4	2	7
111	77	7	47	62	4	1	6
110	75	6	50	61	4	1	5
109	73	6	53	60	4	1	5
108	71	6	57	59	4	1	4
107	69	6	61	58	4	1	4
106	67	6	65	57	4	1	3
105	66	6	68	56	4	1	3
104	65	6	72	55	4	1	2
103	64	6	76	54	4	1	2
102	62	6	81	53	4	1	2
101	58	5	85	52	4	1	2
100	53	5	89	51	3	1	1
99	50	5	93	50	3	1	1
98	47	5	97	49	3	1	1
97	44	5	98	48	2	1	1

Cont.

RAW SCORE	PER- CENTILE	STANINE	CENTOUR	RAW SCORE	PER- CENTILE	STANINE	CENTOUR
47	2	1	1				
46	2	1	1				
45	2	1	1				
44	2	1	0				
43	2	1	0				
42	2	1	0				
41	2	1	0				
40	2	1	0				
39	1	1	0				
38	1	1	0				
-----	-----	-----	-----				
37	1	1	0				
36	1	1	0				
35	1	1	0				
34	1	1	0				
33	1	1	0				
32	1	1	0				
31	1	1	0				
30	1	1	0				
29	1	1	0				

TABLE 1. CARPENTRY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE G -- INTELLIGENCE

SAMPLE SIZE = 69, MEAN = 107.25, S.D. = 9.15

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
125	99	9	5
124	98	9	7
123	97	9	9
122	95	8	11
121	93	8	13
120	91	8	16
119	90	8	20
118	88	7	24
117	85	7	29
116	83	7	34
115	81	7	40
114	75	6	46
113	70	6	53
112	66	6	60
111	62	6	68
110	59	5	76
109	55	5	85
108	49	5	93
107	46	5	98
106	43	5	89
105	41	5	81
104	36	4	72
103	31	4	64
102	29	4	57
101	25	4	49
100	21	3	43
99	18	3	37
98	17	3	31
97	17	3	26
96	15	3	22
95	13	3	18
94	10	2	15
93	7	2	12
92	4	2	10
91	4	1	8
90	3	1	6
89	3	1	5
88	2	1	4
87	1	1	3
86	1	1	2
85	1	1	2

TABLE 2. CARPENTRY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE V -- VERBAL APTITUDE

SAMPLE SIZE = 69. MEAN = 94.83. S.D. = 9.01

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
-----	-----	-----	-----	-----	-----	-----	-----
119	99	9	1	96	53	5	90
118	97	9	1	95	46	5	98
117	97	9	1	94	44	5	93
116	97	9	2	93	42	5	84
115	97	9	3	92	38	4	75
114	97	9	3	91	33	4	67
113	97	9	4	90	31	4	59
112	97	9	6	89	29	4	52
111	97	9	7	88	24	4	45
110	97	9	9	87	19	3	38
-----	-----	-----	-----	-----	-----	-----	-----
109	96	9	12	86	16	3	33
108	96	8	14	85	13	3	28
107	96	8	18	84	12	3	23
106	91	8	21	83	12	3	19
105	86	7	26	82	9	2	15
104	85	7	31	81	6	2	12
103	84	7	36	80	4	2	10
102	80	7	43	79	3	1	8
101	77	6	49	78	3	1	6
100	72	6	57	77	3	1	5
-----	-----	-----	-----	-----	-----	-----	-----
99	67	6	64	76	2	1	4
98	63	6	72	75	1	1	3
97	59	5	81	74	1	1	2

TABLE 3. CARPENTRY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE N -- NUMERICAL APTITUDE

SAMPLE SIZE = 69, MEAN = 104.74, S.D. = 12.55

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
134	99	9	2	104	46	5	95
133	99	9	2	103	42	5	89
132	99	9	3	102	38	4	83
131	99	9	4	101	34	4	77
130	99	9	4	100	30	4	71
129	99	9	5	99	28	4	65
128	99	9	6	98	26	4	59
127	97	9	8	97	25	4	54
126	96	8	9	96	22	3	49
125	96	8	11	95	20	3	44
124	96	8	12	94	19	3	39
123	95	8	15	93	18	3	35
122	93	8	17	92	17	3	31
121	90	8	19	91	15	3	27
120	88	7	22	90	14	3	24
119	86	7	26	89	12	3	21
118	83	7	29	88	10	2	18
117	82	7	33	87	9	2	16
116	81	7	37	86	9	2	14
115	80	7	41	85	8	2	12
114	78	7	46	84	7	2	10
113	75	6	51	83	7	2	8
112	74	6	56	82	6	2	7
111	71	6	62	81	4	2	6
110	68	6	68	80	4	1	5
109	64	6	73	79	3	1	4
108	59	5	79	78	3	1	3
107	55	5	86	77	3	1	3
106	51	5	92	76	3	1	2
105	49	5	98	75	1	1	2

TABLE 4. CARPENTRY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE S -- SPATIAL APTITUDE

SAMPLE SIZE = 69, MEAN = 120.90, S.D. = 15.70

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
153	99	9	4	115	32	4	71
152	99	9	5	114	29	4	66
151	99	9	6	113	26	4	61
150	98	9	6	112	26	4	57
149	97	9	7	111	26	4	53
148	97	9	8	110	22	3	49
147	97	9	10	109	19	3	45
146	97	9	11	108	19	3	41
145	97	9	12	107	18	3	38
144	97	9	14	106	17	3	34
143	96	8	16	105	17	3	31
142	94	8	18	104	17	3	28
141	94	8	20	103	16	3	25
140	92	8	22	102	16	3	23
139	90	8	25	101	14	3	20
138	90	8	28	100	12	3	18
137	85	7	30	99	12	3	16
136	80	7	34	98	12	3	14
135	80	7	37	97	10	2	13
134	80	7	40	96	9	2	11
133	77	6	44	95	9	2	10
132	74	6	48	94	8	2	9
131	74	6	52	93	7	2	8
130	72	6	56	92	7	2	7
129	70	6	61	91	5	2	6
128	70	6	65	90	3	1	5
127	62	6	70	89	3	1	4
126	55	5	75	88	2	1	4
125	55	5	79	87	1	1	3
124	51	5	84	86	1	1	3
123	46	5	89	85	1	1	2
122	46	5	94	84	1	1	2
121	46	5	99	83	1	1	2
120	41	5	95	82	1	1	1
119	36	4	90	81	1	1	1
118	36	4	85	80	1	1	1
117	34	4	80	79	1	1	1
116	32	4	75	78	1	1	1

TABLE 5. CARPENTRY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE P -- FORM PERCEPTION

SAMPLE SIZE = 69, MEAN = 113.81, S.D. = 13.52

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
145	99	9	2
144	99	9	3
143	99	9	3
142	99	9	4
141	97	9	4
140	96	8	5
139	95	8	6
138	93	8	7
137	92	8	9
136	91	8	10
135	91	8	12
134	90	8	14
133	90	8	16
132	89	8	18
131	87	7	20
130	86	7	23
129	86	7	26
128	85	7	29
127	83	7	33
126	83	7	37
125	80	7	41
124	78	7	45
123	77	6	50
122	74	6	54
121	72	6	60
120	70	6	65
119	67	6	70
118	64	6	76
117	60	6	81
116	57	5	87
115	54	5	93
114	52	5	99
113	50	5	95
112	46	5	89
111	43	5	84
110	41	5	78
109	40	4	72
108	38	4	67
107	36	4	61
106	33	4	56
105	30	4	51
104	28	4	47
103	25	4	42
102	22	3	38
101	20	3	34
100	17	3	31
99	13	3	27
98	11	2	24
97	8	2	21
96	5	2	19
95	4	2	16
94	4	2	14
93	4	1	12
92	3	1	11
91	3	1	9
90	3	1	8
89	2	1	7
88	1	1	6
87	1	1	5
86	1	1	4
85	1	1	3
84	1	1	3
83	1	1	2

TABLE 6. CARPENTRY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE Q -- CLERICAL PERCEPTION

SAMPLE SIZE = 69, MEAN = 106.96, S.D. = 10.97

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
135	99	9	1	106	49	5	93
134	99	9	1	105	44	5	86
133	99	9	2	104	38	4	79
132	99	9	2	103	36	4	72
131	99	9	3	102	36	4	65
130	99	9	4	101	36	4	59
129	99	9	4	100	30	4	53
128	98	9	6	99	22	3	47
127	97	9	7	98	20	3	41
126	96	9	8	97	17	3	36
125	96	8	10	96	14	3	32
124	94	8	12	95	13	3	28
123	91	8	14	94	11	2	24
122	90	8	17	93	7	2	20
121	90	8	20	92	6	2	17
120	88	7	23	91	6	2	15
119	85	7	27	90	5	2	12
118	83	7	31	89	4	2	10
117	81	7	36	88	4	2	8
116	81	7	41	87	4	2	7
115	76	6	46	86	4	1	6
114	70	6	52	85	3	1	5
113	70	6	58	84	2	1	4
112	69	6	65	83	1	1	3
111	68	6	71	82	1	1	2
110	63	6	78	81	1	1	2
109	57	5	85	80	1	1	1
108	52	5	92	79	1	1	1
107	49	5	100	78	1	1	1

TABLE 7. CARPENTRY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE K -- MOTOR COORDINATION

SAMPLE SIZE = 68, MEAN = 98.56, S.D. = 13.94

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
128	99	9	3
127	99	9	4
126	98	9	5
125	97	9	6
124	96	9	7
123	96	8	8
122	96	8	9
121	96	8	11
120	93	8	12
119	91	8	14
118	90	8	16
117	87	7	19
116	87	7	21
115	85	7	24
114	84	7	27
113	83	7	30
112	82	7	33
111	82	7	37
110	81	7	41
109	79	7	45
108	78	7	50
107	75	6	54
106	72	6	59
105	71	6	64
104	71	6	70
103	68	6	75
102	66	6	80
101	59	5	86
100	51	5	92
99	50	5	97
98	49	5	97
97	43	5	91
96	38	4	85
95	36	4	80
94	34	4	74
93	29	4	69
92	25	4	64
91	24	4	59
90	24	4	54
89	23	3	49
88	22	3	45
87	20	3	41
86	17	3	37
85	16	3	33
84	15	3	30
83	13	3	26
82	11	3	23
81	9	2	21
80	9	2	18
79	9	2	16
78	8	2	14
77	7	2	12
76	7	2	11
75	7	2	9
74	7	2	8
73	6	2	7
72	4	2	6
71	3	1	5
70	3	1	4
69	3	1	3
68	2	1	3
67	1	1	2
66	1	1	2
65	1	1	2
64	1	1	1
63	1	1	1
62	1	1	1

TABLE 1. MACHINE SHOP
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE G -- INTELLIGENCE

SAMPLE SIZE = 71, MEAN = 107.03, S.D. = 12.63

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
139	99	9	1
138	99	9	1
137	99	9	2
136	99	9	2
135	99	9	3
134	99	9	3
133	99	9	4
132	99	9	5
131	99	9	6
130	98	9	7
129	97	9	8
128	97	9	10
127	96	9	11
126	96	8	13
125	94	8	15
124	92	8	18
123	91	8	21
122	89	8	24
121	88	7	27
120	86	7	30
119	84	7	34
118	80	7	38
117	76	6	43
116	74	6	48
115	73	6	53
114	71	6	58
113	67	6	64
112	64	6	69
111	61	6	75
110	57	5	81
109	53	5	88
108	50	5	94
107	48	5	100
106	44	5	94
105	40	5	87
104	37	4	81
103	34	4	75
102	30	4	69
101	28	4	63
100	27	4	58
99	25	4	52
98	25	4	47
97	22	3	43
96	19	3	38
95	17	3	34
94	15	3	30
93	15	3	27
92	15	3	23
91	13	3	20
90	11	3	18
89	10	2	15
88	8	2	13
87	7	2	11
86	6	2	10
85	4	2	8
84	4	2	7
83	4	1	6
82	3	1	5
81	2	1	4
80	1	1	3
79	1	1	3
78	1	1	2
77	1	1	2
76	1	1	1
75	1	1	1
74	1	1	1
73	1	1	1

TABLE 2. MACHINE SHOP
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE V -- VERBAL APTITUDE

SAMPLE SIZE = 71, MEAN = 95.79, S.D. = 10.97

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
123	99	9	1	96	50	5	98
122	99	9	2	95	48	5	94
121	99	9	2	94	44	5	87
120	99	9	3	93	39	4	80
119	99	9	3	92	37	4	73
118	99	9	4	91	34	4	66
117	98	9	5	90	29	4	60
116	97	9	7	89	24	4	54
115	96	8	8	88	21	3	48
114	94	8	10	87	18	3	42
113	94	8	12	86	16	3	37
112	94	8	14	85	14	3	33
111	94	8	17	84	13	3	28
110	93	8	20	83	13	3	24
109	93	8	23	82	12	3	21
108	90	8	27	81	11	3	18
107	87	7	31	80	10	2	15
106	82	7	35	79	8	2	13
105	76	6	40	78	7	2	10
104	73	6	45	77	6	2	9
103	70	6	51	76	6	2	7
102	68	6	57	75	6	2	6
101	66	6	63	74	4	2	5
100	64	6	70	73	3	1	4
99	62	6	77	72	2	1	3
98	57	5	84	71	1	1	2
97	52	5	91	70	1	1	2

TABLE 3. MACHINE SHOP
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE N -- NUMERICAL APTITUDE

SAMPLE SIZE = 71, MEAN = 108.13, S.D. = 12.87

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
145	99	9	0
144	99	9	1
143	99	9	1
142	99	9	1
141	99	9	1
140	99	9	1
139	99	9	2
138	99	9	2
137	99	9	2
136	98	9	3
135	97	9	4
134	96	9	4
133	96	8	5
132	96	8	6
131	96	8	8
130	96	8	9
129	95	8	10
128	94	8	12
127	93	8	14
126	93	8	16
125	92	8	19
124	91	8	22
123	89	8	25
122	87	7	28
121	85	7	32
120	83	7	36
119	82	7	40
118	82	7	44
117	77	7	49
116	73	6	54
115	68	6	59
114	65	6	65
113	62	6	70
112	59	5	76
111	58	5	82
110	58	5	88
109	54	5	95
108	51	5	99
107	48	5	93
106	45	5	87
105	39	4	81
104	34	4	75
103	32	4	69
102	30	4	63
101	28	4	58
100	27	4	53
99	25	4	48
98	23	3	43
97	22	3	39
96	20	3	35
95	18	3	31
94	16	3	27
93	14	3	24
92	13	3	21
91	12	3	18
90	9	2	16
89	6	2	14
88	5	2	12
87	4	2	10
86	4	1	9
85	3	1	7
84	3	1	6
83	2	1	5
82	1	1	4

TABLE 4. MACHINE SHOP
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE S -- SPATIAL APTITUDE

SAMPLE SIZE = 71, MEAN = 115.21, S.D. = 17.24

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
147	99	9	7	107	32	4	63
146	99	9	7	106	30	4	59
145	99	9	8	105	30	4	55
144	99	9	9	104	28	4	52
143	97	9	11	103	27	4	48
142	96	8	12	102	27	4	44
141	96	8	13	101	24	4	41
140	95	8	15	100	21	3	38
139	94	8	17	99	21	3	35
138	94	8	19	98	21	3	32
137	92	8	21	97	18	3	29
136	89	7	23	96	15	3	27
135	89	7	25	95	15	3	24
134	89	7	28	94	13	3	22
133	85	7	30	93	11	3	20
132	80	7	33	92	11	3	18
131	80	7	36	91	8	2	16
130	76	6	39	90	4	2	14
129	72	6	42	89	4	2	13
128	72	6	46	88	4	1	11
127	70	6	49	87	3	1	10
126	68	6	53	86	3	1	9
125	68	6	57	85	3	1	8
124	62	6	61	84	3	1	7
123	56	5	65	83	3	1	6
122	56	5	69	82	3	1	5
121	56	5	74	81	3	1	5
120	55	5	78	80	3	1	4
119	54	5	83	79	3	1	4
118	54	5	87	78	3	1	3
117	51	5	92	77	3	1	3
116	48	5	96	76	3	1	2
115	48	5	99	75	3	1	2
114	46	5	94	74	2	1	2
113	44	5	90	73	1	1	1
112	44	5	85	72	1	1	1
111	44	5	81	71	1	1	1
110	39	4	76	70	1	1	1
109	34	4	72	69	1	1	1
108	34	4	68	68	1	1	1

TABLE 5. MACHINE SHOP
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE P -- FORM PERCEPTION

SAMPLE SIZE = 71. MEAN = 115.39. S.D. = 16.07

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
152	99	9	2	115	44	5	98
151	99	9	3	114	42	5	93
150	99	9	3	113	41	5	88
149	99	9	4	112	39	4	83
148	99	9	4	111	37	4	78
147	99	9	5	110	35	4	74
146	99	9	6	109	35	4	69
145	99	9	7	108	34	4	65
144	99	9	8	107	33	4	60
143	99	9	9	106	31	4	56
142	97	9	10	105	27	4	52
141	95	8	11	104	25	4	48
140	94	8	13	103	25	4	44
139	93	8	14	102	23	3	40
138	92	8	16	101	20	3	37
137	92	8	18	100	20	3	34
136	92	8	20	99	19	3	31
135	91	8	22	98	18	3	28
134	89	7	25	97	18	3	25
133	87	7	27	96	15	3	23
132	86	7	30	95	13	3	20
131	85	7	33	94	11	3	18
130	83	7	36	93	10	2	16
129	82	7	40	92	10	2	15
128	80	7	43	91	8	2	13
127	77	6	47	90	6	2	11
126	73	6	51	89	5	2	10
125	69	6	55	88	4	2	9
124	66	6	59	87	4	1	8
123	62	6	64	86	3	1	7
122	58	5	68	85	3	1	6
121	55	5	73	84	3	1	5
120	54	5	77	83	3	1	4
119	54	5	82	82	3	1	4
118	54	5	87	81	3	1	3
117	50	5	92	80	2	1	3
116	46	5	97	79	1	1	2

TABLE 6. MACHINE SHOP
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE Q -- CLERICAL PERCEPTION

SAMPLE SIZE = 71, MEAN = 109.08, S.D. = 12.45

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
141	99	9	1
140	99	9	1
139	99	9	2
138	98	9	2
137	97	9	2
136	96	9	3
135	95	8	4
134	94	8	5
133	94	8	5
132	94	8	7
131	94	8	8
130	94	8	9
129	94	8	11
128	92	8	13
127	92	8	15
126	92	8	17
125	91	8	20
124	89	7	23
123	87	7	26
122	86	7	30
121	86	7	34
120	82	7	38
119	79	7	43
118	77	7	47
117	76	6	53
116	76	6	58
115	75	6	63
114	73	6	69
113	65	6	75
112	58	5	81
111	56	5	88
110	55	5	94
109	52	5	99
108	46	5	93
107	41	5	87
106	39	4	80
105	36	4	74
104	31	4	68
103	30	4	63
102	30	4	57
101	28	4	52
100	25	4	47
99	21	3	42
98	18	3	37
97	15	3	33
96	13	3	29
95	11	3	26
94	11	3	23
93	11	3	20
92	11	3	17
91	11	2	15
90	7	2	13
89	4	2	11
88	4	1	9
87	2	1	8
86	1	1	6
85	1	1	5
84	1	1	4
83	1	1	4
82	1	1	3
81	1	1	2

TABLE 7. MACHINE SHOP
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE K -- MOTOR COORDINATION

SAMPLE SIZE = 71, MEAN = 96.42, S.D. = 17.21

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
134	99	9	3	88	24	4	62
133	99	9	3	87	22	3	58
132	99	9	4	86	18	3	54
131	99	9	4	85	15	3	51
130	99	9	5	84	15	3	47
129	99	9	6	83	14	3	44
128	99	9	7	82	13	3	40
127	99	9	8	81	11	3	37
126	99	9	9	80	11	3	34
125	99	9	10	79	11	3	31
124	99	9	11	78	11	3	28
123	99	9	12	77	11	3	26
122	99	9	14	76	11	2	24
121	99	9	15	75	10	2	21
120	96	8	17	74	9	2	19
119	93	8	19	73	8	2	17
118	92	8	21	72	8	2	16
117	91	8	23	71	7	2	14
116	90	8	26	70	7	2	12
115	87	7	28	69	7	2	11
114	85	7	31	68	6	2	10
113	83	7	34	67	4	2	9
112	82	7	37	66	4	2	8
111	80	7	40	65	4	2	7
110	77	7	43	64	4	2	6
109	75	6	46	63	4	2	5
108	72	6	50	62	4	2	5
107	71	6	54	61	4	2	4
106	70	6	58	60	4	2	3
105	67	6	62	59	4	2	3
104	63	6	66	58	4	2	3
103	63	6	70	57	4	2	2
102	62	6	75	56	4	2	2
101	60	5	79	55	4	2	2
100	58	5	84	54	4	2	1
99	56	5	88	53	4	2	1
98	54	5	93	52	4	2	1
97	51	5	97	51	4	2	1
96	49	5	98	50	4	2	1
95	46	5	93	49	4	2	1
94	42	5	89	48	4	2	0
93	39	4	84	47	4	1	0
92	37	4	80	46	3	1	0
91	34	4	75	45	2	1	0
90	31	4	71	44	1	1	0
89	27	4	67	43	1	1	0

TABLE 7. MECHANICAL DRAFTING AND DESIGN
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE G -- INTELLIGENCE

SAMPLE SIZE = 91. MEAN = 115.12, S.D. = 9.84

RAW SCORE	PERCENTILE	STANINE	CENTOUR
140	99	9	1
139	98	9	2
138	97	9	2
137	97	9	3
136	96	9	3
135	96	8	4
134	96	8	5
133	96	8	7
132	95	8	9
131	92	8	11
130	91	8	13
129	91	8	16
128	90	8	19
127	88	7	23
126	85	7	27
125	82	7	32
124	80	7	37
123	77	6	42
122	74	6	48
121	73	6	55
120	70	6	62
119	67	6	69
118	65	6	77
117	63	6	85
116	59	5	93
115	56	5	99
114	54	5	91
113	51	5	83
112	46	5	75
111	38	4	68
110	31	4	60
109	26	4	53
108	23	3	47
107	20	3	41
106	18	3	35
105	15	3	30
104	12	3	26
103	10	2	22
102	8	2	18
101	5	2	15
100	3	1	12
99	2	1	10
98	2	1	8
97	2	1	7
96	1	1	5

TABLE 5. MECHANICAL DRAFTING AND DESIGN
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE V -- VERBAL APTITUDE

SAMPLE SIZE = 91. MEAN = 100.99, S.D. = 9.95

RAW SCORE	PER- CENTILE	STANINE	CENTOUR	RAW SCORE	PER- CENTILE	STANINE	CENTOUR
137	99	9	0	107	75	6	55
136	99	9	0	106	71	6	61
135	99	9	0	105	67	6	69
134	99	9	0	104	62	6	76
133	99	9	0	103	56	5	84
132	99	9	0	102	53	5	92
131	99	9	0	101	49	5	100
130	99	9	0	100	44	5	92
129	99	9	0	99	38	4	84
128	99	9	1	98	36	4	76
127	99	9	1	97	33	4	69
126	99	9	1	96	29	4	62
125	98	9	2	95	24	4	55
124	98	9	2	94	22	3	48
123	98	9	3	93	20	3	42
122	98	9	3	92	18	3	37
121	98	9	4	91	16	3	32
120	98	9	6	90	15	3	27
119	97	9	7	89	14	3	23
118	97	9	9	88	13	3	19
117	95	8	11	87	12	3	16
116	93	8	13	86	8	2	13
115	92	8	16	85	4	2	11
114	90	8	19	84	3	1	9
113	90	8	23	83	2	1	7
112	90	8	27	82	2	1	6
111	89	8	31	81	1	1	4
110	88	7	36	80	1	1	3
109	85	7	42	79	1	1	3
108	79	7	48	78	1	1	2

TABLE 3. MECHANICAL DRAFTING AND DESIGN
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE N -- NUMERICAL APTITUDE

SAMPLE SIZE = 91, MEAN = 114.37, S.D. = 11.67

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
140	99	9	3
139	98	9	3
138	98	9	4
137	97	9	5
136	97	9	6
135	97	9	8
134	97	9	9
133	96	8	11
132	92	8	13
131	89	8	15
130	88	7	18
129	87	7	21
128	86	7	24
127	85	7	28
126	84	7	32
125	81	7	36
124	77	7	41
123	74	6	46
122	72	6	51
121	70	6	57
120	68	6	63
119	63	6	69
118	59	5	76
117	57	5	82
116	55	5	89
115	51	5	96
114	47	5	97
113	46	5	91
112	44	5	84
111	42	5	77
110	40	4	71
109	37	4	65
108	34	4	58
107	31	4	53
106	29	4	47
105	26	4	42
104	24	4	37
103	20	3	33
102	17	3	29
101	13	3	25
100	10	2	22
99	7	2	19
98	3	1	16
97	3	1	14
96	3	1	12
95	3	1	10
94	3	1	8
93	3	1	7
92	3	1	6
91	3	1	5
90	2	1	4
89	1	1	3
88	1	1	2

TABLE 4. MECHANICAL DRAFTING AND DESIGN
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE S -- SPATIAL APTITUDE

SAMPLE SIZE = 90, MEAN = 126.49, S.D. = 12.31

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
166	99	9	0	133	75	6	60
165	99	9	0	132	72	6	65
164	99	9	0	131	72	6	71
163	99	9	0	130	67	6	78
162	99	9	0	129	62	6	84
161	99	9	1	128	62	6	90
160	98	9	1	127	58	5	97
159	98	9	1	126	54	5	97
158	98	9	1	125	54	5	90
157	98	9	1	124	45	5	84
156	98	9	2	123	36	4	78
155	98	9	2	122	36	4	72
154	98	9	3	121	36	4	66
153	98	9	3	120	31	4	60
152	98	9	4	119	27	4	54
151	98	9	5	118	27	4	49
150	97	9	6	117	22	3	44
149	96	8	7	116	18	3	39
148	96	8	8	115	18	3	35
147	94	8	10	114	16	3	31
146	93	8	11	113	13	3	27
145	93	8	13	112	13	3	24
144	93	8	15	111	13	3	21
143	89	8	18	110	8	2	18
142	86	7	21	109	3	1	16
141	86	7	24	108	3	1	13
140	83	7	27	107	2	1	11
139	80	7	31	106	1	1	10
138	80	7	35	105	1	1	8
137	79	7	39	104	1	1	7
136	78	7	44	103	1	1	6
135	78	7	49	102	1	1	5
134	78	7	54	101	1	1	4

TABLE 5. MECHANICAL DRAFTING AND DESIGN
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE P -- FORM PERCEPTION

SAMPLE SIZE = 91, MEAN = 121.11, S.D. = 17.08

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
166	99	9	1
165	99	9	1
164	99	9	1
163	99	9	1
162	99	9	2
161	99	9	2
160	98	9	2
159	98	9	3
158	98	9	3
157	98	9	4
156	98	9	4
155	98	9	5
154	98	9	5
153	98	9	6
152	97	9	7
151	97	9	8
150	97	9	9
149	97	9	10
148	97	9	12
147	96	9	13
146	95	8	15
145	93	8	16
144	92	8	18
143	91	8	20
142	90	8	22
141	89	8	24
140	89	8	27
139	86	7	30
138	83	7	32
137	81	7	35
136	80	7	38
135	77	6	42
134	75	6	45
133	74	6	49
132	73	6	52
131	70	6	56
130	67	6	60
129	64	6	64
128	61	6	69
127	59	5	73
126	57	5	77
125	54	5	82
124	53	5	87
123	52	5	91
122	52	5	96
121	52	5	99
120	51	5	95
119	48	5	90
118	45	5	86
117	43	5	81
116	41	5	76
115	37	4	72
114	36	4	68
113	34	4	63
112	32	4	59
111	30	4	55
110	27	4	52
109	25	4	48
108	24	4	44
107	23	3	41
106	20	3	38
105	18	3	35
104	16	3	32
103	13	3	29
102	9	2	26
101	9	2	24
100	9	2	22
99	8	2	20
98	7	2	18
97	7	2	16
96	7	2	14
95	6	2	13
94	5	2	11
93	5	2	10
92	5	2	9
91	4	2	8
90	4	1	7
89	3	1	6
88	3	1	5
87	3	1	5
86	3	1	4
85	3	1	3
84	2	1	3
83	1	1	3
82	1	1	2
81	1	1	2
80	1	1	2
79	1	1	1
78	1	1	1
77	1	1	1
76	1	1	1
75	1	1	1

TABLE 6. MECHANICAL DRAFTING AND DESIGN
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE Q -- CLERICAL PERCEPTION

SAMPLE SIZE = 91, MEAN = 113.99, S.D. = 11.16

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
146	99	9	0
145	99	9	1
144	99	9	1
143	99	9	1
142	98	9	1
141	97	9	2
140	97	9	2
139	97	9	3
138	97	9	3
137	97	9	4
136	96	9	5
135	96	8	6
134	95	8	7
133	94	8	9
132	93	8	11
131	93	8	13
130	92	8	15
129	92	8	18
128	91	8	21
127	90	8	24
126	89	8	28
125	87	7	32
124	86	7	37
123	83	7	42
122	78	7	47
121	76	6	53
120	75	6	59
119	70	6	65
118	62	6	72
117	56	5	79
116	56	5	86
115	55	5	93
114	52	5	100
113	47	5	93
112	41	5	86
111	38	4	79
110	38	4	72
109	35	4	65
108	32	4	59
107	27	4	53
106	23	4	47
105	21	3	42
104	16	3	37
103	14	3	32
102	14	3	28
101	13	3	24
100	10	2	21
99	8	2	18
98	7	2	15
97	5	2	13
96	5	2	11
95	4	2	9
94	4	2	7
93	3	1	6
92	2	1	5
91	2	1	4
90	1	1	3
89	1	1	3
88	1	1	2

TABLE 7. MECHANICAL DRAFTING AND DESIGN
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE K -- MOTOR COORDINATION

SAMPLE SIZE = 89. MEAN = 107.00, S.D. = 17.10

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
149	99	9	1	109	60	6	91
148	99	9	2	108	57	5	95
147	99	9	2	107	55	5	100
146	99	9	2	106	53	5	95
145	99	9	3	105	50	5	91
144	98	9	3	104	47	5	86
143	97	9	4	103	46	5	81
142	96	9	4	102	44	5	77
141	96	8	5	101	39	4	73
140	95	8	5	100	35	4	68
139	94	8	6	99	33	4	64
138	94	8	7	98	30	4	60
137	94	8	8	97	29	4	56
136	93	8	9	96	27	4	52
135	92	8	10	95	25	4	48
134	91	8	11	94	22	3	45
133	90	8	13	93	20	3	41
132	89	8	14	92	18	3	38
131	89	7	16	91	16	3	35
130	88	7	18	90	15	3	32
129	88	7	20	89	14	3	29
128	87	7	22	88	13	3	27
127	87	7	24	87	12	3	24
126	86	7	27	86	9	2	22
125	85	7	29	85	8	2	20
124	84	7	32	84	7	2	18
123	82	7	35	83	7	2	16
122	81	7	38	82	6	2	14
121	81	7	41	81	4	2	13
120	79	7	45	80	4	2	11
119	76	6	48	79	4	2	10
118	76	6	52	78	4	1	9
117	72	6	56	77	3	1	8
116	70	6	60	76	3	1	7
115	69	6	64	75	2	1	6
114	69	6	68	74	2	1	5
113	67	6	73	73	1	1	5
112	65	6	77	72	1	1	4
111	64	6	81	71	1	1	4
110	63	6	86	70	1	1	3

TABLE 1. POWER AND HOME ELECTRICITY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE G -- INTELLIGENCE

SAMPLE SIZE = 71. MEAN = 111.23. S.D. = 10.10

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
131	98	9	5	103	15	3	42
130	96	8	6	102	13	3	36
129	95	8	8	101	13	3	31
128	94	8	10	100	12	3	27
127	94	8	12	99	10	2	23
126	91	8	14	98	8	2	19
125	87	7	17	97	6	2	16
124	85	7	21	96	6	2	13
123	84	7	24	95	6	2	11
122	82	7	29	94	4	2	9
121	81	7	33	93	3	1	7
120	79	7	38	92	2	1	6
119	77	7	44	91	1	1	5
118	77	6	50	90	1	1	4
117	75	6	57	89	1	1	3
116	73	6	64	88	1	1	2
115	69	6	71	87	1	1	2
114	68	6	78	86	1	1	1
113	65	6	86	85	1	1	1
112	61	6	94	84	1	1	1
111	56	5	98	83	1	1	1
110	48	5	90	82	1	1	0
109	41	5	83	81	1	1	0
108	35	4	75	80	1	1	0
107	29	4	68	79	1	1	0
106	27	4	60	78	1	1	0
105	24	4	54	77	1	1	0
104	20	3	47				

TABLE 2. POWER AND HOME ELECTRICITY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE V -- VERBAL APTITUDE

SAMPLE SIZE = 71, MEAN = 97.58, S.D. = 9.59

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
131	99	9	0
130	99	9	0
129	99	9	0
128	99	9	0
127	99	9	0
126	99	9	0
125	99	9	0
124	99	9	1
123	99	9	1
122	99	9	1
121	99	9	1
120	99	9	2
119	99	9	3
118	99	9	3
117	98	9	4
116	97	9	5
115	96	9	7
114	96	8	9
113	96	8	11
112	96	8	13
111	94	8	16
110	93	8	20
109	91	8	23
108	85	7	28
107	82	7	33
106	78	7	38
105	75	6	44
104	71	6	50
103	68	6	57
102	65	6	64
101	62	6	72
100	60	5	80
99	58	5	88
98	54	5	96
97	51	5	95
96	50	5	87
95	49	5	79
94	44	5	71
93	38	4	63
92	33	4	56
91	28	4	49
90	25	4	43
89	21	3	37
88	17	3	32
87	13	3	27
86	11	2	23
85	8	2	19
84	6	2	16
83	3	1	13
82	1	1	10

TABLE 3. POWER AND HOME ELECTRICITY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE N -- NUMERICAL APTITUDE

SAMPLE SIZE = 71, MEAN = 107.96, S.D. = 13.06

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
143	99	9	1	101	28	4	59
142	99	9	1	100	25	4	54
141	99	9	1	99	20	3	49
140	99	9	1	98	14	3	45
139	99	9	2	97	13	3	40
138	99	9	2	96	12	3	36
137	99	9	3	95	10	2	32
136	99	9	3	94	8	2	29
135	99	9	4	93	7	2	25
134	99	9	5	92	7	2	22
133	99	9	6	91	7	2	19
132	98	9	7	90	7	2	17
131	97	9	8	89	6	2	15
130	96	8	9	88	5	2	13
129	94	8	11	87	4	2	11
128	92	8	12	86	4	2	9
127	92	8	14	85	4	2	8
126	91	8	17	84	4	2	7
125	90	8	19	83	4	1	6
124	90	8	22	82	3	1	5
123	90	8	25	81	3	1	4
122	89	8	28	80	3	1	3
121	87	7	32	79	3	1	3
120	84	7	36	78	2	1	2
119	81	7	40	77	1	1	2
118	80	7	44	76	1	1	1
117	77	6	49	75	1	1	1
116	74	6	54	74	1	1	1
115	73	6	59	73	1	1	1
114	72	6	64	72	1	1	1
113	67	6	70	71	1	1	0
112	61	6	76	70	1	1	0
111	57	5	82	69	1	1	0
110	54	5	88	68	1	1	0
109	53	5	94	67	1	1	0
108	52	5	100	66	1	1	0
107	49	5	94	65	1	1	0
106	46	5	88	64	1	1	0
105	44	5	82	63	1	1	0
104	42	5	76	62	1	1	0
103	38	4	70	61	1	1	0
102	32	4	65				

TABLE 4. POWER AND HOME ELECTRICITY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE S -- SPATIAL APTITUDE

SAMPLE SIZE = 71, MEAN = 123.66, S.D. = 14.53

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
156	99	9	3	113	15	3	46
155	99	9	3	112	15	3	42
154	99	9	4	111	15	3	38
153	97	9	4	110	14	3	35
152	96	8	5	109	13	3	31
151	96	8	6	108	13	3	28
150	95	8	7	107	10	2	25
149	94	8	8	106	7	2	22
148	94	8	9	105	7	2	20
147	94	8	11	104	7	2	18
146	93	8	12	103	7	2	16
145	93	8	14	102	7	2	14
144	93	8	16	101	6	2	12
143	93	8	18	100	4	2	10
142	93	8	21	99	4	2	9
141	93	8	23	98	4	2	8
140	90	8	26	97	4	2	7
139	87	7	29	96	4	2	6
138	87	7	32	95	4	2	5
137	85	7	36	94	4	1	4
136	82	7	40	93	3	1	3
135	82	7	44	92	3	1	3
134	82	7	48	91	3	1	2
133	78	7	52	90	3	1	2
132	75	6	57	89	3	1	2
131	75	6	61	88	3	1	1
130	70	6	66	87	3	1	1
129	65	6	71	86	3	1	1
128	65	6	77	85	3	1	1
127	63	6	82	84	2	1	1
126	61	6	87	83	1	1	1
125	61	6	93	82	1	1	0
124	50	5	98	81	1	1	0
123	39	4	96	80	1	1	0
122	39	4	91	79	1	1	0
121	39	4	85	78	1	1	0
120	35	4	80	77	1	1	0
119	31	4	75	76	1	1	0
118	31	4	70	75	1	1	0
117	25	4	65	74	1	1	0
116	20	3	60	73	1	1	0
115	20	3	55	72	1	1	0
114	18	3	51	71	1	1	0

TABLE 5. POWER AND HOME ELECTRICITY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE P -- FORM PERCEPTION

SAMPLE SIZE = 71, MEAN = 116.25, S.D. = 15.75

RAW SCORE	PERCENTILE	STANINE	CENTOUR
150	99	9	3
149	99	9	4
148	99	9	4
147	98	9	5
146	97	9	6
145	96	9	7
144	96	8	8
143	96	8	9
142	95	8	10
141	93	8	12
140	92	8	13
139	90	8	15
138	89	7	17
137	89	7	19
136	89	7	21
135	88	7	23
134	87	7	26
133	85	7	29
132	83	7	32
131	81	7	35
130	79	7	38
129	77	6	42
128	75	6	46
127	74	6	49
126	73	6	54
125	70	6	58
124	68	6	62
123	65	6	67
122	63	6	72
121	61	6	76
120	58	5	81
119	56	5	86
118	55	5	91
117	54	5	96
116	51	5	99
115	47	5	94
114	45	5	89
113	44	5	84
112	42	5	79
111	37	4	74
110	33	4	69
109	31	4	65
108	29	4	60
107	27	4	56
106	27	4	51
105	26	4	47
104	25	4	44
103	23	4	40
102	22	3	37
101	20	3	33
100	19	3	30
99	16	3	27
98	13	3	25
97	11	3	22
96	10	2	20
95	9	2	18
94	8	2	16
93	6	2	14
92	6	2	12
91	5	2	11
90	4	2	10
89	4	2	8
88	4	1	7
87	3	1	6
86	3	1	5
85	3	1	5
84	2	1	4
83	1	1	3
82	1	1	3

TABLE 6. POWER AND HOME ELECTRICITY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE Q -- CLERICAL PERCEPTION

SAMPLE SIZE = 71. MEAN = 110.18. S.D. = 10.77

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
142	99	9	0	112	57	5	87
141	98	9	0	111	52	5	94
140	97	9	1	110	51	5	99
139	97	9	1	109	47	5	91
138	97	9	1	108	43	5	84
137	97	9	1	107	39	4	77
136	97	9	2	106	38	4	70
135	97	9	2	105	36	4	63
134	97	9	3	104	31	4	57
133	97	9	3	103	28	4	50
132	97	9	4	102	28	4	45
131	96	9	5	101	24	4	39
130	96	8	7	100	15	3	34
129	95	8	8	99	10	2	30
128	94	8	10	98	8	2	26
127	94	8	12	97	6	2	22
126	94	8	14	96	4	2	19
125	94	8	17	95	4	2	16
124	92	8	20	94	4	1	13
123	89	7	23	93	3	1	11
122	87	7	27	92	3	1	9
121	86	7	32	91	3	1	7
120	85	7	36	90	3	1	6
119	81	7	41	89	3	1	5
118	76	6	47	88	3	1	4
117	75	6	53	87	2	1	3
116	75	6	59	86	1	1	2
115	72	6	65	85	1	1	2
114	68	6	72	84	1	1	2
113	64	6	79				

TABLE 7. POWER AND HOME ELECTRICITY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE K -- MOTOR COORDINATION

SAMPLE SIZE = 61. MEAN = 101.67. S.D. = 19.17

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
146	99	9	2
145	98	9	2
144	98	9	3
143	98	9	3
142	98	9	4
141	98	9	4
140	98	9	5
139	98	9	5
138	98	9	6
137	98	9	7
136	98	9	7
135	98	9	8
134	98	9	9
133	98	9	10
132	98	9	11
131	98	9	13
130	98	9	14
129	97	9	15
128	97	9	17
127	97	9	19
126	97	9	20
125	97	9	22
124	97	9	24
123	97	9	27
122	96	8	29
121	95	8	31
120	89	7	34
119	82	7	37
118	81	7	39
117	76	6	42
116	72	6	45
115	70	6	49
114	69	6	52
113	66	6	55
112	64	6	59
111	61	6	63
110	59	5	66
109	57	5	70
108	56	5	74
107	55	5	78
106	54	5	82
105	54	5	86
104	54	5	90
103	53	5	94
102	52	5	99
101	49	5	97
100	46	5	93
99	41	5	89
98	36	4	85
97	32	4	81
96	28	4	77
95	27	4	73
94	26	4	69
93	25	4	65
92	23	3	61
91	22	3	58
90	21	3	54
89	20	3	51
88	18	3	48
87	17	3	44
86	16	3	41
85	15	3	38
84	14	3	36
83	13	3	33
82	12	3	30
81	11	3	28
80	11	3	26
79	11	3	24
78	11	2	22
77	10	2	20
76	9	2	18
75	8	2	16
74	8	2	15
73	8	2	13
72	7	2	12
71	7	2	11
70	6	2	10
69	5	2	9
68	5	2	8
67	5	2	7
66	5	2	6
65	5	2	6
64	5	2	5
63	5	2	4
62	5	2	4
61	5	2	3
60	5	2	3
59	5	2	3
58	5	2	2
57	5	2	2
56	5	2	2
55	5	2	1
54	5	2	1
53	3	1	1
52	2	1	1

Cont.

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
51	2	1	1
50	2	1	1
49	2	1	1
48	2	1	1
47	2	1	0
46	2	1	0
45	2	1	0
44	2	1	0
43	2	1	0
42	2	1	0
41	2	1	0
40	2	1	0
39	2	1	0
38	2	1	0
37	1	1	0

TABLE 1. WELDING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE G -- INTELLIGENCE

SAMPLE SIZE = 114, MEAN = 101.69, S.D. = 12.28

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
135	99	9	1
134	98	9	1
133	98	9	1
132	97	9	1
131	97	9	2
130	96	9	2
129	96	9	3
128	96	9	3
127	96	9	4
126	96	9	5
125	96	9	6
124	96	9	7
123	96	9	8
122	96	9	10
121	95	8	12
120	95	8	14
119	95	8	16
118	93	8	18
117	92	8	21
116	92	8	24
115	90	8	28
114	87	7	32
113	83	7	36
112	80	7	40
111	77	7	45
110	74	6	50
109	71	6	55
108	69	6	61
107	68	6	67
106	64	6	73
105	61	6	79
104	59	5	85
103	56	5	92
102	52	5	98
101	49	5	96
100	44	5	89
99	40	4	83
98	37	4	76
97	34	4	70
96	32	4	64
95	30	4	59
94	25	4	53
93	22	3	48
92	19	3	43
91	17	3	38
90	15	3	34
89	14	3	30
88	13	3	27
87	12	3	23
86	11	2	20
85	10	2	17
84	8	2	15
83	8	2	13
82	7	2	11
81	7	2	9
80	6	2	8
79	5	2	6
78	3	1	5
77	1	1	4
76	1	1	4
75	1	1	3
74	1	1	2

TABLE 2. WELDING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE V -- VERBAL APTITUDE

SAMPLE SIZE = 114. MEAN = 92.70. S.D. = 10.56

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
125	99	9	0	94	56	5	90
124	99	9	0	93	52	5	98
123	99	9	0	92	49	5	95
122	99	9	1	91	46	5	87
121	99	9	1	90	40	5	80
120	99	9	1	89	34	4	73
119	99	9	1	88	30	4	66
118	98	9	2	87	25	4	59
117	98	9	2	86	24	4	53
116	97	9	3	85	22	3	47
115	97	9	3	84	20	3	41
114	97	9	4	83	18	3	36
113	97	9	5	82	15	3	31
112	97	9	7	81	13	3	27
111	96	9	8	80	11	3	23
110	95	8	10	79	10	2	19
109	94	8	12	78	8	2	16
108	92	8	15	77	6	2	14
107	90	8	18	76	5	2	11
106	89	8	21	75	4	1	9
105	89	7	24	74	3	1	8
104	88	7	28	73	3	1	6
103	87	7	33	72	3	1	5
102	84	7	38	71	3	1	4
101	82	7	43	70	2	1	3
100	78	7	49	69	2	1	2
99	75	6	55	68	2	1	2
98	69	6	62	67	2	1	1
97	64	6	68	66	2	1	1
96	62	6	75	65	1	1	1
95	61	6	83				

TABLE 3. WELDING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE N -- NUMERICAL APTITUDE

SAMPLE SIZE = 114. MEAN = 100.30. S.D. = 13.32

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
132	99	9	2
131	99	9	2
130	99	9	3
129	99	9	3
128	99	9	4
127	98	9	5
126	97	9	5
125	97	9	6
124	97	9	8
123	96	9	9
122	96	8	10
121	95	8	12
120	94	8	14
119	93	8	16
118	92	8	18
117	91	8	21
116	90	8	24
115	89	8	27
114	88	7	30
113	87	7	34
112	86	7	38
111	82	7	42
110	78	7	47
109	75	6	51
108	71	6	56
107	68	6	61
106	65	6	67
105	62	6	72
104	60	5	78
103	57	5	84
102	53	5	90
101	49	5	96
100	44	5	98
99	42	5	92
98	39	4	86
97	36	4	80
96	34	4	75
95	30	4	69
94	28	4	64
93	27	4	58
92	25	4	53
91	21	3	49
90	19	3	44
89	17	3	40
88	14	3	36
87	13	3	32
86	12	3	28
85	11	2	25
84	10	2	22
83	9	2	19
82	8	2	17
81	8	2	15
80	8	2	13
79	8	2	11
78	7	2	9
77	6	2	8
76	5	2	7
75	4	2	6
74	4	2	5
73	4	1	4
72	4	1	3
71	3	1	3
70	3	1	2
69	3	1	2
68	3	1	2
67	3	1	1
66	2	1	1
65	2	1	1
64	2	1	1
63	1	1	1
62	1	1	0
61	1	1	0
60	1	1	0
59	1	1	0

TABLE 4. WELDING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE S -- SPATIAL APTITUDE

SAMPLE SIZE = 114. MEAN = 113.93. S.D. = 17.06

RAW SCORE	PER- CENTILE	STANINE	CENTOUR
150	99	9	3
149	99	9	4
148	99	9	5
147	98	9	5
146	97	9	6
145	97	9	7
144	97	9	8
143	96	8	9
142	94	8	10
141	94	8	11
140	93	8	13
139	92	8	14
138	92	8	16
137	91	8	18
136	90	8	20
135	90	8	22
134	90	8	24
133	87	7	26
132	84	7	29
131	84	7	32
130	82	7	35
129	81	7	38
128	81	7	41
127	79	7	44
126	78	7	48
125	78	7	52
124	73	6	56
123	68	6	60
122	68	6	64
121	68	6	68
120	65	6	72
119	61	6	77
118	61	6	81
117	57	5	86
116	52	5	90
115	52	5	95
114	48	5	100
113	44	5	96
112	44	5	91
111	44	5	86
110	40	4	82
109	36	4	77
108	36	4	73
107	29	4	68
106	23	3	64
105	23	3	60
104	21	3	56
103	19	3	52
102	19	3	48
101	17	3	45
100	15	3	41
99	15	3	38
98	15	3	35
97	15	3	32
96	15	3	29
95	15	3	27
94	13	3	24
93	11	3	22
92	11	3	20
91	11	2	18
90	10	2	16
89	10	2	14
88	8	2	13
87	7	2	11
86	7	2	10
85	7	2	9
84	6	2	8
83	5	2	7
82	5	2	6
81	5	2	5
80	5	2	5
79	5	2	4
78	4	2	4
77	4	1	3
76	4	1	3
75	4	1	2
74	2	1	2
73	1	1	2
72	1	1	1
71	1	1	1
70	1	1	1
69	1	1	1
68	1	1	1
67	1	1	1
66	1	1	0
65	1	1	0

TABLE 5. WELDING

PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE P -- FORM PERCEPTION

SAMPLE SIZE = 114, MEAN = 109.80, S.D. = 19.09

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
150	99	9	4
149	99	9	4
148	99	9	5
147	99	9	5
146	98	9	6
145	97	9	7
144	96	9	7
143	96	8	8
142	95	8	9
141	95	8	10
140	94	8	11
139	94	8	13
138	93	8	14
137	93	8	15
136	92	8	17
135	90	8	19
134	89	8	20
133	89	8	22
132	88	7	24
131	87	7	27
130	86	7	29
129	83	7	31
128	80	7	34
127	78	7	37
126	76	6	40
125	75	6	43
124	73	6	46
123	72	6	49
122	71	6	52
121	69	6	56
120	68	6	59
119	68	6	63
118	65	6	67
117	63	6	71
116	61	6	75
115	59	5	79
114	57	5	83
113	55	5	87
112	53	5	91
111	51	5	95
110	50	5	99
109	48	5	97
108	47	5	92
107	46	5	88
106	44	5	84
105	42	5	80
104	39	4	76
103	37	4	72
102	35	4	68
101	32	4	64
100	30	4	61
99	29	4	57
98	28	4	54
97	25	4	50
96	24	4	47
95	22	3	44
94	20	3	41
93	19	3	38
92	19	3	35
91	19	3	32
90	18	3	30
89	17	3	28
88	15	3	25
87	14	3	23
86	12	3	21
85	11	2	19
84	10	2	18
83	7	2	16
82	6	2	15
81	6	2	13
80	5	2	12
79	4	2	11
78	4	2	10
77	4	2	9
76	4	1	8
75	4	1	7
74	4	1	6
73	3	1	5
72	3	1	5
71	3	1	4
70	2	1	4
69	2	1	3
68	1	1	3
67	1	1	2
66	1	1	2
65	1	1	2
64	1	1	2
63	1	1	1
62	1	1	1
61	1	1	1
60	1	1	1

TABLE 6. WELDING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE Q -- CLERICAL PERCEPTION

SAMPLE SIZE = 114. MEAN = 107.36. S.D. = 12.68

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
144	99	9	0	110	60	6	84
143	99	9	0	109	57	5	90
142	99	9	1	108	53	5	96
141	99	9	1	107	48	5	98
140	99	9	1	106	46	5	91
139	99	9	1	105	44	5	85
138	99	9	2	104	41	5	79
137	98	9	2	103	39	4	73
136	98	9	2	102	39	4	67
135	97	9	3	101	37	4	62
134	97	9	4	100	34	4	56
133	97	9	4	99	30	4	51
132	96	9	5	98	25	4	46
131	96	9	6	97	20	3	41
130	96	9	7	96	16	3	37
129	96	8	9	95	15	3	33
128	94	8	10	94	14	3	29
127	94	8	12	93	12	3	26
126	93	8	14	92	11	3	23
125	92	8	16	91	10	2	20
124	90	8	19	90	7	2	17
123	87	7	22	89	6	2	15
122	86	7	25	88	5	2	13
121	84	7	28	87	4	1	11
120	83	7	32	86	3	1	9
119	82	7	36	85	3	1	8
118	79	7	40	84	2	1	7
117	77	7	45	83	2	1	5
116	77	7	50	82	2	1	5
115	74	6	55	81	1	1	4
114	70	6	60	80	1	1	3
113	68	6	66	79	1	1	3
112	64	6	71	78	1	1	2
111	62	6	77	77	1	1	2

TABLE 7. WELDING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE K -- MOTOR COORDINATION

SAMPLE SIZE = 113. MEAN = 98.14. S.D. = 15.08

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
144	99	9	0	102	62	6	80
143	99	9	0	101	57	5	85
142	99	9	0	100	51	5	90
141	99	9	0	99	48	5	95
140	99	9	1	98	45	5	99
139	98	9	1	97	42	5	94
138	98	9	1	96	40	4	89
137	98	9	1	95	39	4	84
136	98	9	1	94	38	4	78
135	98	9	1	93	38	4	73
134	98	9	2	92	38	4	68
133	98	9	2	91	37	4	64
132	98	9	2	90	36	4	59
131	97	9	3	89	33	4	54
130	97	9	3	88	29	4	50
129	96	9	4	87	28	4	46
128	96	9	5	86	24	4	42
127	96	9	6	85	21	3	38
126	96	9	6	84	19	3	35
125	96	9	7	83	17	3	32
124	96	8	9	82	14	3	28
123	95	8	10	81	12	3	26
122	95	8	11	80	10	2	23
121	95	8	13	79	8	2	20
120	93	8	15	78	7	2	18
119	91	8	17	77	5	2	16
118	91	8	19	76	5	2	14
117	90	8	21	75	5	2	13
116	89	8	24	74	4	2	11
115	88	7	26	73	4	1	10
114	88	7	29	72	3	1	8
113	86	7	32	71	3	1	7
112	85	7	36	70	3	1	6
111	82	7	39	69	3	1	5
110	80	7	43	68	2	1	5
109	78	7	47	67	1	1	4
108	76	6	51	66	1	1	3
107	73	6	56	65	1	1	3
106	71	6	60	64	1	1	2
105	69	6	65	63	1	1	2
104	68	6	70	62	1	1	2
103	65	6	75				

TABLE 1. ACCOUNTING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE G -- INTELLIGENCE

SAMPLE SIZE = 188. MEAN = 112.59. S.D. = 11.95

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
144	99	9	1	110	40	5	83
143	99	9	1	109	35	4	76
142	99	9	1	108	31	4	70
141	99	9	2	107	29	4	64
140	99	9	2	106	27	4	58
139	99	9	3	105	24	4	53
138	99	9	3	104	22	3	47
137	98	9	4	103	20	3	42
136	98	9	5	102	18	3	38
135	98	9	6	101	16	3	33
134	97	9	7	100	14	3	29
133	96	9	9	99	12	3	26
132	95	8	10	98	11	2	22
131	94	8	12	97	10	2	19
130	92	8	15	96	10	2	17
129	91	8	17	95	8	2	14
128	91	8	20	94	7	2	12
127	90	8	23	93	6	2	10
126	89	7	26	92	5	2	8
125	87	7	30	91	4	1	7
124	86	7	34	90	3	1	6
123	83	7	38	89	3	1	5
122	78	7	43	88	3	1	4
121	75	6	48	87	2	1	3
120	72	6	54	86	2	1	3
119	70	6	59	85	2	1	2
118	68	6	65	84	2	1	2
117	65	6	71	83	2	1	1
116	60	6	78	82	2	1	1
115	56	5	84	81	1	1	1
114	53	5	91	80	1	1	1
113	51	5	97	79	1	1	0
112	48	5	96	78	1	1	0
111	44	5	89	77	1	1	0

TABLE 2. ACCOUNTING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE V -- VERBAL APTITUDE

SAMPLE SIZE = 188. MEAN = 102.95, S.D. = 10.46

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
131	99	9	1
130	98	9	1
129	98	9	1
128	98	9	2
127	98	9	2
126	98	9	3
125	98	9	4
124	97	9	4
123	97	9	6
122	96	9	7
121	95	8	8
120	94	8	10
119	92	8	12
118	90	8	15
117	88	7	18
116	86	7	21
115	85	7	25
114	83	7	29
113	83	7	34
112	83	7	39
111	81	7	44
110	79	7	50
109	77	7	56
108	71	6	63
107	67	6	70
106	63	6	77
105	59	5	84
104	56	5	92
103	53	5	100
102	49	5	93
101	45	5	85
100	41	5	78
99	37	4	71
98	33	4	64
97	28	4	57
96	26	4	51
95	23	3	45
94	19	3	39
93	15	3	34
92	13	3	30
91	11	2	25
90	9	2	22
89	7	2	18
88	6	2	15
87	4	2	13
86	4	1	11
85	3	1	9
84	3	1	7
83	3	1	6
82	3	1	5
81	3	1	4
80	2	1	3
79	1	1	2
78	1	1	2
77	1	1	1
76	1	1	1

TABLE 3. ACCOUNTING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE N -- NUMERICAL APTITUDE

SAMPLE SIZE = 188. MEAN = 116.62. S.D. = 13.21

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
150	99	9	1	108	24	4	51
149	99	9	1	107	23	4	47
148	99	9	2	106	21	3	42
147	99	9	2	105	18	3	38
146	99	9	3	104	16	3	34
145	99	9	3	103	14	3	30
144	98	9	4	102	13	3	27
143	98	9	5	101	12	3	24
142	97	9	5	100	10	2	21
141	97	9	6	99	9	2	18
140	95	8	8	98	7	2	16
139	94	8	9	97	6	2	14
138	94	8	11	96	4	2	12
137	94	8	12	95	3	1	10
136	93	8	14	94	3	1	9
135	93	8	16	93	3	1	7
134	91	8	19	92	3	1	6
133	90	8	22	91	3	1	5
132	88	7	24	90	3	1	4
131	86	7	28	89	3	1	4
130	85	7	31	88	2	1	3
129	83	7	35	87	1	1	2
128	80	7	39	86	1	1	2
127	78	7	43	85	1	1	2
126	77	6	48	84	1	1	1
125	74	6	53	83	1	1	1
124	71	6	58	82	1	1	1
123	68	6	63	81	1	1	1
122	66	6	68	80	1	1	1
121	64	6	74	79	1	1	0
120	61	6	80	78	1	1	0
119	59	5	86	77	1	1	0
118	56	5	92	76	1	1	0
117	53	5	98	75	1	1	0
116	49	5	96	74	1	1	0
115	44	5	90	73	1	1	0
114	40	4	84	72	1	1	0
113	38	4	78	71	1	1	0
112	36	4	73	70	1	1	0
111	34	4	67	69	1	1	0
110	31	4	62	68	1	1	0
109	28	4	56	67	1	1	0

TABLE 4. ACCOUNTING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE S -- SPATIAL APTITUDE

SAMPLE SIZE = 188. MEAN = 114.41. S.D. = 16.43

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
153	99	9	2	111	40	4	84
152	99	9	2	110	36	4	79
151	99	9	3	109	33	4	74
150	99	9	3	108	33	4	70
149	99	9	4	107	31	4	65
148	99	9	4	106	29	4	61
147	98	9	5	105	29	4	57
146	97	9	5	104	26	4	53
145	97	9	6	103	23	4	49
144	97	9	7	102	23	4	45
143	97	9	8	101	21	3	41
142	96	8	9	100	18	3	38
141	96	8	11	99	18	3	35
140	95	8	12	98	18	3	32
139	94	8	13	97	16	3	29
138	94	8	15	96	14	3	26
137	93	8	17	95	14	3	24
136	92	8	19	94	14	3	21
135	92	8	21	93	13	3	19
134	92	8	23	92	13	3	17
133	90	8	26	91	11	2	15
132	89	7	28	90	9	2	14
131	89	7	31	89	9	2	12
130	86	7	34	88	8	2	11
129	84	7	37	87	6	2	10
128	84	7	41	86	6	2	8
127	80	7	44	85	6	2	7
126	76	6	48	84	5	2	6
125	76	6	52	83	3	1	6
124	69	6	56	82	3	1	5
123	61	6	60	81	3	1	4
122	61	6	64	80	3	1	4
121	61	6	69	79	3	1	3
120	57	5	73	78	2	1	3
119	54	5	78	77	1	1	2
118	54	5	83	76	1	1	2
117	50	5	88	75	1	1	2
116	46	5	92	74	1	1	1
115	46	5	97	73	1	1	1
114	43	5	98	72	1	1	1
113	40	4	93	71	1	1	1
112	40	4	88				

TABLE 5. ACCOUNTING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE P -- FORM PERCEPTION

SAMPLE SIZE = 188, MEAN = 121.13, S.D. = 18.38

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
170	99	9	1	118	43	5	86
169	99	9	1	117	43	5	82
168	99	9	1	116	41	5	78
167	99	9	1	115	39	4	74
166	98	9	1	114	36	4	70
165	98	9	2	113	34	4	66
164	97	9	2	112	32	4	62
163	97	9	2	111	31	4	58
162	97	9	3	110	30	4	54
161	96	9	3	109	27	4	51
160	96	9	3	108	24	4	48
159	96	8	4	107	22	3	44
158	95	8	4	106	20	3	41
157	95	8	5	105	19	3	38
156	95	8	6	104	18	3	35
155	95	8	7	103	17	3	32
154	95	8	7	102	15	3	30
153	94	8	8	101	14	3	27
152	94	8	9	100	13	3	25
151	94	8	10	99	12	3	23
150	94	8	12	98	10	2	21
149	94	8	13	97	9	2	19
148	93	8	14	96	9	2	17
147	93	8	16	95	8	2	16
146	92	8	18	94	6	2	14
145	91	8	19	93	5	2	13
144	90	8	21	92	4	2	11
143	89	7	23	91	3	1	10
142	88	7	26	90	2	1	9
141	88	7	28	89	2	1	8
140	87	7	30	88	2	1	7
139	86	7	33	87	2	1	6
138	84	7	36	86	2	1	6
137	82	7	39	85	1	1	5
136	81	7	42	84	1	1	4
135	79	7	45	83	1	1	4
134	77	6	48	82	1	1	3
133	75	6	52	81	1	1	3
132	72	6	55	80	1	1	3
131	71	6	59	79	1	1	2
130	71	6	63	78	1	1	2
129	69	6	67	77	1	1	2
128	66	6	71	76	1	1	1
127	64	6	75	75	1	1	1
126	62	6	79	74	1	1	1
125	61	6	83	73	1	1	1
124	58	5	88	72	1	1	1
123	55	5	92	71	1	1	1
122	52	5	96	70	1	1	1
121	50	5	99	69	1	1	0
120	47	5	95	68	1	1	0
119	45	5	91	67	1	1	0

TABLE 6. ACCOUNTING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE Q -- CLERICAL PERCEPTION

SAMPLE SIZE = 188. MEAN = 121.53, S.D. = 14.63

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
171	99	9	0
170	99	9	0
169	99	9	0
168	99	9	0
167	99	9	0
166	99	9	0
165	99	9	0
164	99	9	0
163	99	9	0
162	99	9	1
161	99	9	1
160	99	9	1
159	99	9	1
158	99	9	1
157	99	9	2
156	99	9	2
155	98	9	2
154	98	9	3
153	98	9	3
152	98	9	4
151	97	9	4
150	97	9	5
149	97	9	6
148	97	9	7
147	96	9	8
146	95	8	9
145	94	8	11
144	94	8	12
143	93	8	14
142	92	8	16
141	90	8	18
140	89	7	21
139	88	7	23
138	86	7	26
137	85	7	29
136	83	7	32
135	81	7	36
134	79	7	39
133	76	6	43
132	74	6	47
131	73	6	52
130	71	6	56
129	70	6	61
128	68	6	66
127	67	6	71
126	66	6	76
125	64	6	81
124	61	6	87
123	59	5	92
122	55	5	97
121	53	5	97
120	52	5	92
119	49	5	86
118	44	5	81
117	41	5	76
116	41	5	71
115	37	4	66
114	32	4	61
113	28	4	56
112	24	4	51
111	22	3	47
110	20	3	43
109	17	3	39
108	15	3	36
107	13	3	32
106	11	3	29
105	11	2	26
104	10	2	23
103	9	2	21
102	9	2	18
101	8	2	16
100	7	2	14
99	5	2	12
98	4	1	11
97	3	1	9
96	3	1	8
95	2	1	7
94	2	1	6
93	2	1	5
92	1	1	4
91	1	1	4
90	1	1	3
89	1	1	3
88	1	1	2
87	1	1	2
86	1	1	2
85	1	1	1
84	1	1	1
83	1	1	1
82	1	1	1
81	1	1	1

TABLE 7. ACCOUNTING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE K -- MOTOR COORDINATION

SAMPLE SIZE = 184. MEAN = 106.90. S.D. = 17.61

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
142	99	9	5	95	23	3	50
141	99	9	5	94	20	3	46
140	98	9	6	93	19	3	43
139	96	9	7	92	17	3	40
138	95	8	8	91	17	3	37
137	95	8	9	90	16	3	34
136	94	8	10	89	15	3	31
135	94	8	11	88	14	3	28
134	93	8	12	87	12	3	26
133	92	8	14	86	11	3	24
132	90	8	15	85	11	3	21
131	89	7	17	84	11	2	19
130	88	7	19	83	10	2	17
129	87	7	21	82	9	2	16
128	86	7	23	81	8	2	14
127	85	7	25	80	7	2	13
126	85	7	28	79	7	2	11
125	84	7	30	78	6	2	10
124	84	7	33	77	5	2	9
123	84	7	36	76	5	2	8
122	84	7	39	75	4	1	7
121	84	7	42	74	4	1	6
120	80	7	46	73	3	1	5
119	77	7	49	72	3	1	5
118	76	6	53	71	3	1	4
117	74	6	57	70	3	1	4
116	72	6	61	69	2	1	3
115	70	6	65	68	2	1	3
114	67	6	69	67	2	1	2
113	64	6	73	66	2	1	2
112	61	6	77	65	2	1	2
111	58	5	82	64	2	1	1
110	55	5	86	63	2	1	1
109	53	5	91	62	1	1	1
108	50	5	95	61	1	1	1
107	48	5	100	60	1	1	1
106	46	5	96	59	1	1	1
105	44	5	91	58	1	1	1
104	42	5	87	57	1	1	0
103	39	4	82	56	1	1	0
102	36	4	78	55	1	1	0
101	34	4	74	54	1	1	0
100	32	4	70	53	1	1	0
99	30	4	65	52	1	1	0
98	29	4	61	51	1	1	0
97	27	4	57	50	1	1	0
96	25	4	54	49	1	1	0

TABLE 1. CLERICAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE G -- INTELLIGENCE

SAMPLE SIZE = 222. MEAN = 105.90. S.D. = 11.45

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
144	99	9	0
143	99	9	0
142	99	9	0
141	99	9	0
140	99	9	0
139	99	9	0
138	99	9	1
137	99	9	1
136	99	9	1
135	99	9	1
134	99	9	1
133	98	9	2
132	98	9	2
131	98	9	3
130	98	9	4
129	97	9	4
128	96	9	5
127	96	8	7
126	95	8	8
125	95	8	10
124	94	8	11
123	93	8	14
122	91	8	16
121	90	8	19
120	88	7	22
119	86	7	25
118	85	7	29
117	83	7	33
116	81	7	38
115	79	7	43
114	77	7	48
113	76	6	54
112	73	6	59
111	70	6	66
110	67	6	72
109	64	6	79
108	61	6	85
107	57	5	92
106	53	5	99
105	48	5	94
104	45	5	87
103	42	5	80
102	38	4	73
101	34	4	67
100	31	4	61
99	27	4	55
98	25	4	49
97	22	3	44
96	19	3	39
95	17	3	34
94	16	3	30
93	13	3	26
92	10	2	23
91	9	2	19
90	7	2	17
89	5	2	14
88	5	2	12
87	4	2	10
86	4	1	8
85	3	1	7
84	2	1	6
83	2	1	5
82	2	1	4
81	1	1	3
80	1	1	2
79	1	1	2
78	1	1	1

TABLE 2. CLERICAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE V -- VERBAL APTITUDE

SAMPLE SIZE = 222. MEAN = 101.25, S.D. = 10.11

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
137	99	9	0
136	99	9	0
135	99	9	0
134	99	9	0
133	99	9	0
132	99	9	0
131	99	9	0
130	99	9	0
129	99	9	1
128	99	9	1
127	99	9	1
126	99	9	1
125	98	9	2
124	98	9	2
123	98	9	3
122	97	9	4
121	97	9	5
120	96	8	6
119	95	8	8
118	93	8	10
117	93	8	12
116	92	8	14
115	91	8	17
114	90	8	21
113	90	8	24
112	90	8	29
111	87	7	33
110	84	7	39
109	80	7	44
108	74	6	50
107	73	6	57
106	71	6	64
105	68	6	71
104	64	6	79
103	59	5	86
102	54	5	94
101	49	5	98
100	45	5	90
99	41	5	82
98	38	4	75
97	35	4	67
96	31	4	60
95	26	4	54
94	23	3	47
93	19	3	41
92	17	3	36
91	15	3	31
90	13	3	27
89	11	2	23
88	9	2	19
87	7	2	16
86	6	2	13
85	5	2	11
84	4	1	9
83	3	1	7
82	2	1	6
81	1	1	5
80	1	1	4
79	1	1	3
78	1	1	2
77	1	1	2
76	1	1	1
75	1	1	1
74	1	1	1
73	1	1	1
72	1	1	0
71	1	1	0
70	1	1	0

3

TABLE 3. CLERICAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE N -- NUMERICAL APTITUDE

SAMPLE SIZE = 222, MEAN = 108.91, S.D. = 11.73

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
139	99	9	1	107	48	5	87
138	99	9	1	106	45	5	80
137	99	9	2	105	40	5	74
136	99	9	2	104	35	4	68
135	99	9	3	103	33	4	61
134	98	9	3	102	29	4	56
133	98	9	4	101	24	4	50
132	97	9	5	100	21	3	45
131	97	9	6	99	19	3	40
130	96	9	7	98	16	3	35
129	95	8	9	97	14	3	31
128	94	8	10	96	12	3	27
127	93	8	12	95	11	2	24
126	92	8	15	94	9	2	20
125	91	8	17	93	7	2	17
124	89	7	20	92	6	2	15
123	87	7	23	91	5	2	13
122	86	7	26	90	5	2	11
121	84	7	30	89	4	2	9
120	83	7	34	88	3	1	7
119	80	7	39	87	2	1	6
118	77	7	44	86	2	1	5
117	75	6	49	85	2	1	4
116	72	6	55	84	2	1	3
115	68	6	60	83	1	1	3
114	66	6	66	82	1	1	2
113	64	6	73	81	1	1	2
112	62	6	79	80	1	1	1
111	59	5	86	79	1	1	1
110	56	5	93	78	1	1	1
109	53	5	99	77	1	1	1
108	50	5	94	76	1	1	1

TABLE 4. CLERICAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE S -- SPATIAL APTITUDE

SAMPLE SIZE = 222, MEAN = 108.48, S.D. = 16.75

RAW SCORE	PERCENTILE	STANINE	CENTOUR
147	99	9	2
146	99	9	3
145	99	9	3
144	99	9	3
143	99	9	4
142	98	9	5
141	98	9	5
140	97	9	6
139	96	9	7
138	96	9	8
137	95	8	9
136	95	8	10
135	95	8	11
134	95	8	13
133	93	8	14
132	92	8	16
131	92	8	18
130	92	8	20
129	91	8	22
128	91	8	24
127	89	8	27
126	87	7	30
125	87	7	32
124	82	7	35
123	77	7	39
122	77	7	42
121	77	7	45
120	73	6	49
119	70	6	53
118	70	6	57
117	66	6	61
116	63	6	65
115	63	6	70
114	59	5	74
113	55	5	79
112	55	5	83
111	55	5	88
110	52	5	93
109	49	5	98
108	49	5	98
107	45	5	93
106	42	5	88
105	42	5	84
104	37	4	79
103	32	4	74
102	32	4	70
101	30	4	66
100	27	4	61
99	27	4	57
98	27	4	53
97	26	4	49
96	24	4	46
95	24	4	42
94	22	3	39
93	19	3	36
92	19	3	33
91	17	3	30
90	15	3	27
89	15	3	24
88	12	3	22
87	9	2	20
86	9	2	18
85	9	2	16
84	8	2	14
83	7	2	13
82	7	2	11
81	6	2	10
80	5	2	9
79	5	2	8
78	4	2	7
77	4	1	6
76	4	1	5
75	4	1	5
74	3	1	4
73	2	1	3
72	2	1	3
71	1	1	3
70	1	1	2
69	1	1	2
68	1	1	2
67	1	1	1
66	1	1	1
65	1	1	1
64	1	1	1
63	1	1	1
62	1	1	1
61	1	1	0

TABLE 5. CLERICAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE P -- FORM PERCEPTION

SAMPLE SIZE = 222. MEAN = 119.98. S.D. = 15.70

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
165	99	9	0	122	56	5	90
164	99	9	1	121	54	5	95
163	99	9	1	120	52	5	100
162	99	9	1	119	50	5	95
161	99	9	1	118	47	5	90
160	99	9	1	117	45	5	85
159	99	9	1	116	43	5	80
158	99	9	2	115	41	5	75
157	99	9	2	114	38	4	70
156	99	9	2	113	35	4	66
155	99	9	3	112	32	4	61
154	98	9	3	111	29	4	57
153	98	9	4	110	26	4	53
152	98	9	4	109	24	4	48
151	97	9	5	108	23	3	45
150	96	9	6	107	21	3	41
149	96	9	6	106	19	3	37
148	96	9	7	105	16	3	34
147	96	9	9	104	14	3	31
146	96	9	10	103	14	3	28
145	95	8	11	102	13	3	25
144	95	8	13	101	12	3	23
143	93	8	14	100	10	2	20
142	92	8	16	99	9	2	18
141	90	8	18	98	7	2	16
140	89	8	20	97	7	2	14
139	88	7	23	96	6	2	13
138	87	7	25	95	5	2	11
137	85	7	28	94	5	2	10
136	83	7	31	93	4	2	9
135	81	7	34	92	3	1	7
134	79	7	37	91	2	1	6
133	77	7	41	90	2	1	6
132	75	6	44	89	1	1	5
131	74	6	48	88	1	1	4
130	73	6	52	87	1	1	4
129	71	6	57	86	1	1	3
128	70	6	61	85	1	1	3
127	68	6	65	84	1	1	2
126	66	6	70	83	1	1	2
125	64	6	75	82	1	1	2
124	61	6	80	81	1	1	1
123	59	5	85	80	1	1	1

TABLE 6. CLERICAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE Q -- CLERICAL PERCEPTION

SAMPLE SIZE = 222. MEAN = 122.24. S.D. = 14.33

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
163	99	9	0	120	46	5	88
162	99	9	1	119	42	5	82
161	99	9	1	118	38	4	77
160	99	9	1	117	35	4	71
159	99	9	1	116	35	4	66
158	99	9	1	115	33	4	61
157	99	9	2	114	30	4	57
156	98	9	2	113	25	4	52
155	98	9	2	112	20	3	47
154	97	9	3	111	18	3	43
153	97	9	3	110	17	3	39
152	96	9	4	109	14	3	36
151	95	8	4	108	13	3	32
150	94	8	5	107	11	3	29
149	93	8	6	106	11	2	26
148	93	8	7	105	10	2	23
147	93	8	8	104	8	2	20
146	92	8	10	103	8	2	18
145	92	8	11	102	8	2	16
144	92	8	13	101	7	2	14
143	91	8	15	100	5	2	12
142	90	8	17	99	4	1	10
141	89	8	19	98	3	1	9
140	89	8	22	97	3	1	8
139	89	7	24	96	2	1	7
138	88	7	27	95	2	1	6
137	87	7	30	94	1	1	5
136	86	7	34	93	1	1	4
135	84	7	37	92	1	1	3
134	82	7	41	91	1	1	3
133	79	7	45	90	1	1	2
132	77	6	50	89	1	1	2
131	75	6	54	88	1	1	2
130	73	6	59	87	1	1	1
129	72	6	64	86	1	1	1
128	71	6	69	85	1	1	1
127	71	6	74	84	1	1	1
126	69	6	79	83	1	1	1
125	64	6	85	82	1	1	0
124	59	5	90	81	1	1	0
123	55	5	96	80	1	1	0
122	51	5	99	79	1	1	0
121	50	5	93	78	1	1	0

TABLE 7. CLERICAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE K -- MOTOR COORDINATION

SAMPLE SIZE = 212. MEAN = 110.91, S.D. = 15.41

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
149	99	9	1	110	46	5	95
148	99	9	2	109	44	5	90
147	99	9	2	108	42	5	85
146	98	9	2	107	39	4	80
145	98	9	3	106	36	4	75
144	98	9	3	105	35	4	70
143	98	9	4	104	34	4	65
142	97	9	4	103	32	4	61
141	97	9	5	102	30	4	56
140	96	9	6	101	26	4	52
139	96	8	7	100	22	3	48
138	96	8	8	99	20	3	44
137	95	8	9	98	18	3	40
136	95	8	10	97	18	3	37
135	94	8	12	96	17	3	33
134	93	8	13	95	16	3	30
133	92	8	15	94	15	3	27
132	91	8	17	93	14	3	25
131	90	8	19	92	13	3	22
130	89	8	22	91	12	3	20
129	88	7	24	90	11	2	17
128	87	7	27	89	10	2	16
127	86	7	30	88	9	2	14
126	85	7	33	87	8	2	12
125	83	7	36	86	6	2	11
124	82	7	40	85	4	2	9
123	80	7	43	84	4	1	8
122	79	7	47	83	3	1	7
121	78	7	51	82	3	1	6
120	74	6	55	81	2	1	5
119	70	6	60	80	2	1	4
118	68	6	65	79	1	1	4
117	65	6	69	78	1	1	3
116	62	6	74	77	1	1	3
115	59	5	79	76	1	1	2
114	56	5	84	75	1	1	2
113	53	5	89	74	1	1	2
112	50	5	94	73	1	1	1
111	48	5	100	72	1	1	1

TABLE 1. COSMETOLOGY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE G -- INTELLIGENCE

SAMPLE SIZE = 120. MEAN = 105.73. S.D. = 11.75

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
140	99	9	0	110	62	6	72
139	99	9	0	109	58	5	78
138	99	9	1	108	55	5	85
137	99	9	1	107	52	5	91
136	99	9	1	106	51	5	98
135	99	9	1	105	47	5	95
134	99	9	2	104	42	5	88
133	98	9	2	103	38	4	82
132	98	9	3	102	37	4	75
131	98	9	3	101	35	4	69
130	98	9	4	100	32	4	63
129	98	9	5	99	30	4	57
128	97	9	6	98	27	4	51
127	97	9	7	97	25	4	46
126	95	8	8	96	24	4	41
125	94	8	10	95	22	3	36
124	92	8	12	94	20	3	32
123	90	8	14	93	18	3	28
122	90	8	17	92	13	3	24
121	89	7	19	91	10	2	21
120	88	7	22	90	8	2	18
119	88	7	26	89	7	2	15
118	87	7	30	88	7	2	13
117	86	7	34	87	6	2	11
116	85	7	38	86	5	2	9
115	82	7	43	85	4	2	8
114	78	7	48	84	3	1	6
113	75	6	54	83	1	1	5
112	71	6	59	82	1	1	4
111	67	6	65				

TABLE 2. COSMETOLOGY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE V -- VERBAL APTITUDE

SAMPLE SIZE = 120. MEAN = 100.58. S.D. = 11.17

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
131	99	9	1	103	57	5	83
130	99	9	1	102	52	5	90
129	99	9	1	101	47	5	97
128	99	9	1	100	44	5	96
127	99	9	2	99	41	5	89
126	99	9	2	98	40	4	82
125	99	9	3	97	39	4	75
124	99	9	4	96	36	4	68
123	98	9	4	95	32	4	62
122	97	9	6	94	29	4	56
-----	-----	-----	-----	-----	-----	-----	-----
121	95	8	7	93	26	4	50
120	92	8	8	92	25	4	44
119	92	8	10	91	23	4	39
118	92	8	12	90	20	3	34
117	91	8	14	89	17	3	30
116	90	8	17	88	14	3	26
115	88	7	20	87	12	3	22
114	87	7	23	86	10	2	19
113	87	7	27	85	8	2	16
112	87	7	31	84	7	2	14
-----	-----	-----	-----	-----	-----	-----	-----
111	85	7	35	83	7	2	12
110	83	7	40	82	5	2	10
109	82	7	45	81	2	1	8
108	78	7	51	80	2	1	7
107	76	6	57	79	2	1	5
106	71	6	63	78	1	1	4
105	67	6	69	77	1	1	3
104	62	6	76	76	1	1	3

TABLE 3. COSMETOLOGY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE N -- NUMERICAL APTITUDE

SAMPLE SIZE = 120. MEAN = 104.91. S.D. = 11.65

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
141	99	9	0
140	99	9	0
139	99	9	0
138	99	9	0
137	98	9	1
136	97	9	1
135	97	9	1
134	97	9	1
133	97	9	2
132	97	9	2
131	97	9	3
130	97	9	3
129	97	9	4
128	97	9	5
127	96	8	6
126	95	8	7
125	95	8	8
124	94	8	10
123	93	8	12
122	92	8	14
121	92	8	17
120	91	8	20
119	90	8	23
118	89	8	26
117	87	7	30
116	86	7	34
115	85	7	39
114	84	7	44
113	80	7	49
112	77	7	54
111	74	6	60
110	70	6	66
109	66	6	73
108	62	6	79
107	60	5	86
106	58	5	93
105	53	5	99
104	47	5	94
103	42	5	87
102	38	4	80
101	35	4	74
100	33	4	67
99	31	4	61
98	28	4	55
97	24	4	50
96	20	3	44
95	18	3	40
94	16	3	35
93	14	3	31
92	12	3	27
91	9	2	23
90	7	2	20
89	6	2	17
88	6	2	15
87	5	2	12
86	5	2	10
85	4	1	9
84	3	1	7
83	2	1	6
82	2	1	5
81	2	1	4
80	2	1	3
79	2	1	3
78	2	1	2
77	2	1	2
76	2	1	1
75	1	1	1

TABLE 4. COSMETOLOGY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE S -- SPATIAL APTITUDE

SAMPLE SIZE = 120. MEAN = 113.05. S.D. = 15.96

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
150	99	9	2	110	40	5	85
149	98	9	2	109	37	4	80
148	98	9	3	108	37	4	75
147	98	9	3	107	33	4	70
146	98	9	4	106	30	4	66
145	98	9	5	105	30	4	61
144	98	9	5	104	27	4	57
143	98	9	6	103	23	4	53
142	98	9	7	102	23	4	49
141	98	9	8	101	21	3	45
140	98	9	9	100	18	3	41
139	98	9	10	99	18	3	38
138	98	9	12	98	18	3	35
137	96	8	13	97	16	3	31
136	93	8	15	96	14	3	29
135	93	8	17	95	14	3	26
134	93	8	19	94	12	3	23
133	92	8	21	93	10	2	21
132	90	8	24	92	10	2	19
131	90	8	26	91	10	2	17
130	88	7	29	90	9	2	15
129	86	7	32	89	9	2	13
128	86	7	35	88	7	2	12
127	82	7	38	87	6	2	10
126	79	7	42	86	6	2	9
125	79	7	45	85	6	2	8
124	72	6	49	84	5	2	7
123	64	6	53	83	4	2	6
122	64	6	58	82	4	2	5
121	64	6	62	81	4	2	4
120	62	6	66	80	4	2	4
119	59	5	71	79	4	2	3
118	59	5	76	78	4	1	3
117	56	5	80	77	3	1	2
116	53	5	85	76	3	1	2
115	53	5	90	75	3	1	2
114	49	5	95	74	2	1	1
113	44	5	100	73	1	1	1
112	44	5	95	72	1	1	1
111	44	5	90	71	1	1	1

TABLE 5. COSMETOLOGY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE P -- FORM PERCEPTION

SAMPLE SIZE = 120, MEAN = 130.89, S.D. = 17.91

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
176	99	9	1
175	98	9	1
174	98	9	2
173	98	9	2
172	98	9	2
171	98	9	3
170	98	9	3
169	98	9	3
168	98	9	4
167	98	9	4
166	98	9	5
165	98	9	6
164	97	9	6
163	97	9	7
162	97	9	8
161	97	9	9
160	96	8	10
159	95	8	12
158	95	8	13
157	94	8	14
156	92	8	16
155	91	8	18
154	90	8	20
153	88	7	22
152	87	7	24
151	86	7	26
150	85	7	29
149	83	7	31
148	82	7	34
147	81	7	37
146	80	7	40
145	79	7	43
144	77	6	46
143	73	6	50
142	70	6	54
141	68	6	57
140	66	6	61
139	64	6	65
138	63	6	69
137	60	5	73
136	57	5	78
135	55	5	82
134	53	5	86
133	52	5	91
132	51	5	95
131	50	5	100
130	48	5	96
129	47	5	92
128	44	5	87
127	42	5	83
126	41	5	78
125	40	4	74
124	37	4	70
123	33	4	66
122	32	4	62
121	31	4	58
120	30	4	54
119	28	4	51
118	26	4	47
117	25	4	44
116	23	4	41
115	22	3	37
114	21	3	35
113	20	3	32
112	20	3	29
111	19	3	27
110	17	3	24
109	13	3	22
108	10	2	20
107	9	2	18
106	8	2	16
105	7	2	15
104	6	2	13
103	5	2	12
102	4	2	11
101	3	1	10
100	3	1	8
99	2	1	8
98	2	1	7
97	2	1	6
96	2	1	5
95	1	1	5
94	1	1	4
93	1	1	3
92	1	1	3
91	1	1	3
90	1	1	2

TABLE 6. COSMETOLOGY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE Q -- CLERICAL PERCEPTION

SAMPLE SIZE = 120, MEAN = 123.31, S.D. = 13.61

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
176	99	9	0	134	77	7	43
175	99	9	0	133	75	6	48
174	99	9	0	132	75	6	52
173	99	9	0	131	73	6	57
172	99	9	0	130	72	6	62
171	99	9	0	129	72	6	68
170	99	9	0	128	70	6	73
169	99	9	0	127	69	6	79
168	99	9	0	126	68	6	84
167	99	9	0	125	65	6	90
166	98	9	0	124	61	6	96
165	98	9	0	123	57	5	98
164	98	9	0	122	51	5	92
163	98	9	0	121	47	5	87
162	98	9	0	120	45	5	81
161	98	9	1	119	40	4	75
160	98	9	1	118	33	4	70
159	98	9	1	117	29	4	64
158	98	9	1	116	29	4	59
157	98	9	1	115	27	4	54
156	98	9	2	114	22	3	49
155	98	9	2	113	19	3	45
154	98	9	2	112	16	3	41
153	98	9	3	111	15	3	37
152	98	9	3	110	13	3	33
151	98	9	4	109	11	3	29
150	97	9	5	108	10	2	26
149	97	9	6	107	9	2	23
148	96	8	7	106	8	2	20
147	95	8	8	105	8	2	18
146	93	8	10	104	6	2	16
145	92	8	11	103	5	2	14
144	92	8	13	102	5	2	12
143	92	8	15	101	4	2	10
142	91	8	17	100	3	1	9
141	90	8	19	99	2	1	7
140	89	8	22	98	1	1	6
139	89	7	25	97	1	1	5
138	87	7	28	96	1	1	4
137	87	7	31	95	1	1	4
136	86	7	35	94	1	1	3
135	82	7	39	93	1	1	3

TABLE 7. COSMETOLOGY
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE K -- MOTOR COORDINATION

SAMPLE SIZE = 118, MEAN = 108.97, S.D. = 15.32

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
148	99	9	1	104	34	4	75
147	99	9	1	103	33	4	70
146	99	9	2	102	32	4	65
145	99	9	2	101	30	4	60
144	99	9	2	100	27	4	56
143	99	9	3	99	25	4	51
142	99	9	3	98	23	3	47
141	98	9	4	97	22	3	43
140	97	9	4	96	20	3	40
139	97	9	5	95	17	3	36
138	97	9	6	94	13	3	33
137	97	9	7	93	13	3	30
136	97	9	8	92	13	3	27
135	97	9	9	91	13	3	24
134	96	9	10	90	13	3	22
133	96	8	12	89	11	3	19
132	95	8	13	88	9	2	17
131	95	8	15	87	9	2	15
130	94	8	17	86	8	2	13
129	92	8	19	85	7	2	12
128	91	8	21	84	6	2	10
127	90	8	24	83	6	2	9
126	89	7	27	82	5	2	8
125	87	7	30	81	3	1	7
124	86	7	33	80	3	1	6
123	85	7	36	79	3	1	5
122	82	7	40	78	3	1	4
121	80	7	43	77	3	1	4
120	76	6	47	76	3	1	3
119	72	6	51	75	3	1	3
118	70	6	56	74	2	1	2
117	66	6	60	73	2	1	2
116	63	6	65	72	1	1	2
115	61	6	69	71	1	1	1
114	59	5	74	70	1	1	1
113	58	5	79	69	1	1	1
112	58	5	84	68	1	1	1
111	56	5	89	67	1	1	1
110	54	5	95	66	1	1	1
109	49	5	100	65	1	1	0
108	43	5	95	64	1	1	0
107	41	5	90	63	1	1	0
106	39	4	85	62	1	1	0
105	36	4	80				

TABLE 1. PRACTICAL NURSING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE G -- INTELLIGENCE

SAMPLE SIZE = 256. MEAN = 111.79. S.D. = 11.36

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
157	99	9	0	118	74	6	58
156	99	9	0	117	70	6	65
155	99	9	0	116	67	6	71
154	99	9	0	115	63	6	78
153	99	9	0	114	59	5	85
152	99	9	0	113	55	5	91
151	99	9	0	112	52	5	98
150	99	9	0	111	50	5	94
149	99	9	0	110	46	5	88
148	99	9	0	109	43	5	81
147	99	9	0	108	39	4	74
146	99	9	0	107	34	4	67
145	99	9	0	106	29	4	61
144	99	9	0	105	26	4	55
143	99	9	1	104	23	4	49
142	99	9	1	103	22	3	44
141	99	9	1	102	19	3	39
140	99	9	1	101	16	3	34
139	99	9	2	100	13	3	30
138	99	9	2	99	12	3	26
137	98	9	3	98	11	2	23
136	98	9	3	97	10	2	19
135	98	9	4	96	8	2	16
134	97	9	5	95	6	2	14
133	96	9	6	94	5	2	12
132	96	9	8	93	5	2	10
131	96	9	9	92	4	2	8
130	96	8	11	91	3	1	7
129	94	8	13	90	2	1	6
128	93	8	15	89	2	1	4
127	90	8	18	88	1	1	4
126	88	7	21	87	1	1	3
125	87	7	24	86	1	1	2
124	85	7	28	85	1	1	2
123	83	7	32	84	1	1	1
122	80	7	37	83	1	1	1
121	79	7	42	82	1	1	1
120	77	7	47	81	1	1	1
119	76	6	53	80	1	1	1

TABLE 2. PRACTICAL NURSING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE V -- VERBAL APTITUDE

SAMPLE SIZE = 256. MEAN = 107.75, S.D. = 11.27

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
139	99	9	1	107	54	5	95
138	99	9	1	106	49	5	88
137	99	9	1	105	44	5	81
136	99	9	1	104	40	5	74
135	99	9	2	103	36	4	67
134	99	9	2	102	32	4	61
133	98	9	3	101	27	4	55
132	98	9	3	100	24	4	49
131	97	9	4	99	21	3	44
130	96	9	5	98	19	3	39
129	96	9	6	97	16	3	34
128	96	9	7	96	13	3	30
127	95	8	9	95	9	2	26
126	94	8	11	94	8	2	22
125	92	8	13	93	6	2	19
124	90	8	15	92	6	2	16
123	89	7	18	91	5	2	14
122	87	7	21	90	4	2	12
121	86	7	24	89	3	1	10
120	84	7	28	88	3	1	8
119	82	7	32	87	2	1	7
118	80	7	36	86	2	1	5
117	77	7	41	85	2	1	4
116	75	6	46	84	2	1	4
115	72	6	52	83	2	1	3
114	70	6	58	82	1	1	2
113	70	6	64	81	1	1	2
112	70	6	71	80	1	1	1
111	67	6	77	79	1	1	1
110	64	6	84	78	1	1	1
109	62	6	91	77	1	1	1
108	57	5	98	76	1	1	0

TABLE 3. PRACTICAL NURSING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE N -- NUMERICAL APTITUDE

SAMPLE SIZE = 256, MEAN = 111.11, S.D. = 12.51

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
157	99	9	0
156	99	9	0
155	99	9	0
154	99	9	0
153	99	9	0
152	99	9	0
151	99	9	0
150	99	9	0
149	99	9	0
148	99	9	0
147	99	9	0
146	99	9	1
145	99	9	1
144	99	9	1
143	99	9	1
142	99	9	1
141	99	9	2
140	99	9	2
139	99	9	3
138	99	9	3
137	99	9	4
136	98	9	5
135	98	9	6
134	97	9	7
133	96	8	8
132	94	8	9
131	92	8	11
130	91	8	13
129	90	8	15
128	89	8	18
127	88	7	20
126	87	7	23
125	85	7	27
124	83	7	30
123	82	7	34
122	81	7	38
121	80	7	43
120	79	7	48
119	76	6	53
118	74	6	58
117	72	6	64
116	69	6	70
115	65	6	76
114	62	6	82
113	58	5	88
112	54	5	94
111	51	5	99
110	47	5	93
109	44	5	87
108	41	5	80
107	37	4	74
106	34	4	68
105	31	4	63
104	28	4	57
103	25	4	52
102	22	3	47
101	20	3	42
100	16	3	37
99	15	3	33
98	13	3	29
97	12	3	26
96	11	3	23
95	10	2	20
94	8	2	17
93	6	2	15
92	6	2	13
91	5	2	11
90	5	2	9
89	4	1	8
88	3	1	6
87	2	1	5
86	2	1	4
85	1	1	4
84	1	1	3
83	1	1	2
82	1	1	2
81	1	1	2
80	1	1	1
79	1	1	1
78	1	1	1
77	1	1	1
76	1	1	0
75	1	1	0
74	1	1	0
73	1	1	0
72	1	1	0
71	1	1	0

TABLE 4. PRACTICAL NURSING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE S -- SPATIAL APTITUDE

SAMPLE SIZE = 256, MEAN = 113.61, S.D. = 16.83

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
153	99	9	2	110	41	5	83
152	99	9	2	109	37	4	78
151	99	9	3	108	37	4	74
150	99	9	3	107	34	4	69
149	99	9	4	106	31	4	65
148	99	9	4	105	31	4	61
147	98	9	5	104	28	4	57
146	98	9	5	103	25	4	53
145	98	9	6	102	25	4	49
144	98	9	7	101	21	3	45
143	97	9	8	100	18	3	42
142	97	9	9	99	18	3	39
141	97	9	10	98	18	3	35
140	96	8	12	97	16	3	32
139	94	8	13	96	14	3	30
138	94	8	15	95	14	3	27
137	93	8	16	94	13	3	24
136	91	8	18	93	12	3	22
135	91	8	20	92	12	3	20
134	91	8	23	91	11	2	18
133	88	7	25	90	9	2	16
132	86	7	27	89	9	2	14
131	86	7	30	88	8	2	13
130	83	7	33	87	7	2	11
129	81	7	36	86	7	2	10
128	81	7	39	85	7	2	9
127	79	7	43	84	6	2	8
126	76	6	46	83	5	2	7
125	76	6	50	82	5	2	6
124	71	6	54	81	4	1	5
123	66	6	58	80	3	1	5
122	66	6	62	79	3	1	4
121	66	6	66	78	3	1	3
120	61	6	70	77	3	1	3
119	57	5	75	76	3	1	3
118	57	5	79	75	3	1	2
117	54	5	84	74	2	1	2
116	51	5	89	73	1	1	2
115	51	5	93	72	1	1	1
114	48	5	98	71	1	1	1
113	45	5	97	70	1	1	1
112	45	5	92	69	1	1	1
111	45	5	88	68	1	1	1

TABLE 5. PRACTICAL NURSING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE P -- FORM PERCEPTION

SAMPLE SIZE = 253, MEAN = 126.56, S.D. = 17.02

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
171	99	9	1	128	55	5	93
170	99	9	1	127	52	5	98
169	99	9	1	126	49	5	97
168	99	9	1	125	46	5	93
167	99	9	2	124	43	5	88
166	99	9	2	123	41	5	83
165	99	9	2	122	39	4	79
164	99	9	3	121	37	4	74
163	99	9	3	120	36	4	70
162	98	9	4	119	34	4	66
161	97	9	4	118	31	4	61
160	96	9	5	117	29	4	57
159	96	8	6	116	28	4	53
158	95	8	6	115	26	4	50
157	95	8	7	114	24	4	46
156	94	8	8	113	22	3	43
155	93	8	9	112	20	3	39
154	93	8	11	111	19	3	36
153	92	8	12	110	18	3	33
152	91	8	14	109	17	3	30
151	91	8	15	108	16	3	28
150	90	8	17	107	15	3	25
149	89	8	19	106	14	3	23
148	89	7	21	105	12	3	21
147	89	7	23	104	9	2	19
146	88	7	25	103	8	2	17
145	88	7	28	102	7	2	15
144	87	7	31	101	6	2	13
143	85	7	33	100	6	2	12
142	84	7	36	99	6	2	11
141	82	7	40	98	5	2	9
140	80	7	43	97	4	2	8
139	77	7	46	96	4	1	7
138	74	6	50	95	3	1	6
137	72	6	54	94	3	1	6
136	70	6	58	93	2	1	5
135	69	6	62	92	1	1	4
134	68	6	66	91	1	1	4
133	65	6	71	90	1	1	3
132	62	6	75	89	1	1	3
131	60	5	79	88	1	1	2
130	58	5	84	87	1	1	2
129	56	5	89	86	1	1	2

TABLE 6. PRACTICAL NURSING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE Q -- CLERICAL PERCEPTION

SAMPLE SIZE = 256, MEAN = 125.09, S.D. = 15.19

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
175	99	9	0	128	60	5	85
174	99	9	0	127	59	5	90
173	99	9	0	126	58	5	95
172	99	9	0	125	57	5	100
171	98	9	0	124	54	5	94
170	98	9	0	123	49	5	89
169	98	9	0	122	45	5	84
168	98	9	0	121	43	5	79
167	98	9	1	120	41	5	74
166	98	9	1	119	36	4	69
165	98	9	1	118	31	4	64
164	98	9	1	117	29	4	59
163	98	9	1	116	29	4	55
162	98	9	2	115	27	4	51
161	98	9	2	114	23	4	47
160	98	9	2	113	20	3	43
159	98	9	3	112	16	3	39
158	98	9	3	111	14	3	35
157	98	9	4	110	13	3	32
156	98	9	4	109	13	3	29
155	97	9	5	108	11	3	26
154	97	9	6	107	8	2	23
153	96	9	7	106	7	2	21
152	96	8	8	105	7	2	19
151	95	8	9	104	6	2	17
150	94	8	10	103	5	2	15
149	94	8	12	102	5	2	13
148	93	8	13	101	5	2	11
147	93	8	15	100	5	2	10
146	92	8	17	99	4	2	9
145	91	8	19	98	4	1	7
144	90	8	21	97	3	1	6
143	88	7	24	96	3	1	6
142	86	7	27	95	2	1	5
141	84	7	29	94	2	1	4
140	83	7	33	93	1	1	3
139	82	7	36	92	1	1	3
138	80	7	40	91	1	1	2
137	79	7	43	90	1	1	2
136	78	7	47	89	1	1	2
135	76	6	51	88	1	1	1
134	73	6	56	87	1	1	1
133	69	6	60	86	1	1	1
132	67	6	65	85	1	1	1
131	65	6	70	84	1	1	1
130	63	6	75	83	1	1	1
129	62	6	80	82	1	1	0

TABLE 7. PRACTICAL NURSING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE K -- MOTOR COORDINATION

SAMPLE SIZE = 254. MEAN = 113.00. S.D. = 15.03

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
151	99	9	1	112	46	5	95
150	99	9	1	111	43	5	89
149	99	9	2	110	41	5	84
148	99	9	2	109	39	4	79
147	99	9	2	108	37	4	74
146	98	9	3	107	35	4	69
145	98	9	3	106	34	4	64
144	98	9	4	105	31	4	59
143	98	9	5	104	29	4	55
142	97	9	5	103	27	4	51
141	97	9	6	102	26	4	46
140	96	8	7	101	21	3	42
139	95	8	8	100	17	3	39
138	94	8	10	99	15	3	35
137	94	8	11	98	14	3	32
136	94	8	13	97	13	3	29
135	93	8	14	96	12	3	26
134	93	8	16	95	11	2	23
133	93	8	18	94	10	2	21
132	91	8	21	93	9	2	18
131	89	7	23	92	9	2	16
130	88	7	26	91	8	2	14
129	87	7	29	90	8	2	13
128	84	7	32	89	7	2	11
127	82	7	35	88	7	2	10
126	81	7	39	87	6	2	8
125	79	7	42	86	4	2	7
124	77	6	46	85	4	1	6
123	74	6	51	84	3	1	5
122	73	6	55	83	3	1	5
121	72	6	59	82	3	1	4
120	67	6	64	81	2	1	3
119	63	6	69	80	2	1	3
118	63	6	74	79	2	1	2
117	59	5	79	78	1	1	2
116	56	5	84	77	1	1	2
115	53	5	89	76	1	1	1
114	50	5	95	75	1	1	1
113	48	5	100	74	1	1	1

TABLE 1. SECRETARIAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE G -- INTELLIGENCE

SAMPLE SIZE = 323, MEAN = 112.97, S.D. = 11.58

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
141	99	9	2
140	99	9	2
139	99	9	2
138	99	9	3
137	99	9	4
136	98	9	5
135	97	9	6
134	96	8	7
133	94	8	8
132	93	8	10
131	93	8	12
130	92	8	14
129	91	8	17
128	90	8	19
127	88	7	23
126	86	7	26
125	84	7	30
124	81	7	34
123	79	7	39
122	76	6	44
121	73	6	49
120	72	6	54
119	70	6	60
118	67	6	66
117	63	6	73
116	60	5	79
115	57	5	86
114	54	5	93
113	52	5	100
112	48	5	93
111	45	5	87
110	42	5	80
109	39	4	73
108	36	4	67
107	33	4	61
106	30	4	55
105	26	4	49
104	22	3	44
103	19	3	39
102	17	3	34
101	16	3	30
100	14	3	26
99	12	3	23
98	10	2	20
97	8	2	17
96	6	2	14
95	5	2	12
94	4	2	10
93	3	1	8
92	3	1	7
91	2	1	6
90	2	1	5
89	2	1	4
88	2	1	3
87	1	1	2
86	1	1	2
85	1	1	2
84	1	1	1
83	1	1	1
82	1	1	1
81	1	1	1

TABLE 2. SECRETARIAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE V -- VERBAL APTITUDE

SAMPLE SIZE = 323, MEAN = 107.31, S.D. = 11.28

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
143	99	9	0	112	71	6	68
142	99	9	0	111	69	6	74
141	99	9	0	110	67	6	81
140	99	9	0	109	63	6	88
139	99	9	0	108	57	5	95
138	99	9	1	107	54	5	98
137	99	9	1	106	50	5	91
136	99	9	1	105	46	5	84
135	99	9	1	104	43	5	77
134	98	9	2	103	40	5	70
133	98	9	2	102	37	4	64
132	97	9	3	101	34	4	58
131	97	9	4	100	29	4	52
130	97	9	4	99	25	4	46
129	97	9	5	98	21	3	41
128	97	9	7	97	17	3	36
127	96	8	8	96	14	3	32
126	95	8	10	95	12	3	28
125	94	8	12	94	10	2	24
124	92	8	14	93	8	2	20
123	90	8	16	92	7	2	17
122	88	7	19	91	5	2	15
121	86	7	22	90	4	1	12
120	83	7	26	89	2	1	10
119	82	7	30	88	2	1	9
118	80	7	34	87	2	1	7
117	78	7	39	86	1	1	6
116	75	6	44	85	1	1	5
115	73	6	50	84	1	1	4
114	71	6	55	83	1	1	3
113	71	6	61	82	1	1	2

TABLE 3. SECRETARIAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE N -- NUMERICAL APTITUDE

SAMPLE SIZE = 323, MEAN = 115.12, S.D. = 12.88

RAW SCORE	PERCENTILE	STANINE	CENTOUR	RAW SCORE	PERCENTILE	STANINE	CENTOUR
151	99	9	1	111	40	4	75
150	99	9	1	110	35	4	69
149	99	9	1	109	32	4	63
148	99	9	1	108	30	4	58
147	99	9	1	107	27	4	53
146	99	9	2	106	24	4	48
145	99	9	2	105	21	3	43
144	99	9	2	104	19	3	39
143	98	9	3	103	16	3	35
142	98	9	4	102	14	3	31
141	98	9	4	101	12	3	27
140	98	9	5	100	11	2	24
139	97	9	6	99	10	2	21
138	96	9	8	98	8	2	18
137	95	8	9	97	7	2	16
136	94	8	10	96	6	2	14
135	93	8	12	95	4	2	12
134	92	8	14	94	3	1	10
133	91	8	17	93	3	1	9
132	90	8	19	92	3	1	7
131	88	7	22	91	2	1	6
130	86	7	25	90	2	1	5
129	85	7	28	89	2	1	4
128	82	7	32	88	1	1	4
127	80	7	36	87	1	1	3
126	79	7	40	86	1	1	2
125	76	6	44	85	1	1	2
124	74	6	49	84	1	1	2
123	72	6	54	83	1	1	1
122	70	6	59	82	1	1	1
121	67	6	65	81	1	1	1
120	65	6	70	80	1	1	1
119	63	6	76	79	1	1	1
118	61	6	82	78	1	1	0
117	58	5	88	77	1	1	0
116	56	5	95	76	1	1	0
115	53	5	99	75	1	1	0
114	50	5	93	74	1	1	0
113	47	5	87	73	1	1	0
112	45	5	81	72	1	1	0

TABLE 4. SECRETARIAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE S -- SPATIAL APTITUDE

SAMPLE SIZE = 323, MEAN = 112.05, S.D. = 15.41

RAW SCORE	PER-CENTILE	STANINE	CENTOUR
150	99	9	1
149	99	9	2
148	99	9	2
147	99	9	2
146	99	9	3
145	99	9	3
144	99	9	4
143	99	9	4
142	98	9	5
141	98	9	6
140	98	9	7
139	97	9	8
138	97	9	9
137	96	8	11
136	95	8	12
135	95	8	14
134	95	8	15
133	93	8	17
132	92	8	20
131	92	8	22
130	90	8	24
129	89	7	27
128	89	7	30
127	86	7	33
126	84	7	37
125	84	7	40
124	77	6	44
123	70	6	48
122	70	6	52
121	70	6	56
120	65	6	61
119	61	6	65
118	61	6	70
117	57	5	75
116	53	5	80
115	53	5	85
114	48	5	90
113	44	5	95
112	44	5	100
111	44	5	95
110	42	5	89
109	39	4	84
108	39	4	79
107	37	4	74
106	34	4	69
105	34	4	65
104	30	4	60
103	26	4	56
102	26	4	51
101	23	3	47
100	20	3	43
99	20	3	40
98	20	3	36
97	18	3	33
96	17	3	30
95	17	3	27
94	15	3	24
93	12	3	22
92	12	3	19
91	10	2	17
90	7	2	15
89	7	2	13
88	7	2	12
87	6	2	10
86	6	2	9
85	6	2	8
84	5	2	7
83	4	2	6
82	4	2	5
81	4	1	4
80	3	1	4
79	3	1	3
78	2	1	3
77	1	1	2
76	1	1	2
75	1	1	2
74	1	1	1
73	1	1	1
72	1	1	1
71	1	1	1
70	1	1	1
69	1	1	1
68	1	1	0

TABLE 5. SECRETARIAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE P -- FORM PERCEPTION

SAMPLE SIZE = 322, MEAN = 124.58, S.D. = 16.89

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
168	99	9	1	123	45	5	93
167	99	9	1	122	42	5	88
166	99	9	1	121	40	4	83
165	99	9	2	120	38	4	79
164	99	9	2	119	35	4	74
163	98	9	2	118	33	4	70
162	98	9	3	117	32	4	65
161	98	9	3	116	30	4	61
160	98	9	4	115	28	4	57
159	97	9	4	114	26	4	53
158	97	9	5	113	25	4	49
157	96	9	5	112	24	4	46
156	96	8	6	111	23	4	42
155	95	8	7	110	22	3	39
154	95	8	8	109	19	3	36
153	95	8	9	108	18	3	33
152	95	8	10	107	16	3	30
151	94	8	12	106	15	3	27
150	94	8	13	105	14	3	25
149	93	8	15	104	13	3	22
148	93	8	17	103	12	3	20
147	91	8	18	102	10	2	18
146	91	8	20	101	8	2	16
145	90	8	23	100	7	2	15
144	89	7	25	99	6	2	13
143	87	7	28	98	5	2	12
142	84	7	30	97	5	2	10
141	83	7	33	96	4	2	9
140	82	7	36	95	4	1	8
139	80	7	39	94	3	1	7
138	78	7	43	93	3	1	6
137	76	6	46	92	2	1	5
136	74	6	50	91	2	1	5
135	72	6	54	90	2	1	4
134	70	6	58	89	2	1	4
133	68	6	62	88	2	1	3
132	67	6	66	87	1	1	3
131	65	6	70	86	1	1	2
130	62	6	75	85	1	1	2
129	61	6	79	84	1	1	2
128	59	5	84	83	1	1	1
127	58	5	89	82	1	1	1
126	55	5	93	81	1	1	1
125	52	5	98	80	1	1	1
124	48	5	97				

TABLE 6. SECRETARIAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE Q -- CLERICAL PERCEPTION

SAMPLE SIZE = 323, MEAN = 126.48, S.D. = 14.01

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
166	99	9	0	127	54	5	97
165	99	9	1	126	52	5	97
164	99	9	1	125	48	5	92
163	99	9	1	124	45	5	86
162	98	9	1	123	42	5	80
161	98	9	1	122	37	4	75
160	98	9	2	121	35	4	70
159	98	9	2	120	33	4	64
158	98	9	2	119	29	4	59
157	98	9	3	118	25	4	54
-----	-----	-----	-----	-----	-----	-----	-----
156	97	9	4	117	23	3	50
155	97	9	4	116	23	3	45
154	96	9	5	115	21	3	41
153	96	8	6	114	18	3	37
152	95	8	7	113	15	3	34
151	93	8	8	112	13	3	30
150	92	8	9	111	12	3	27
149	92	8	11	110	12	3	24
148	92	8	12	109	11	2	21
147	92	8	14	108	9	2	19
-----	-----	-----	-----	-----	-----	-----	-----
146	91	8	16	107	7	2	16
145	91	8	19	106	6	2	14
144	90	8	21	105	6	2	13
143	88	7	24	104	5	2	11
142	87	7	27	103	4	2	9
141	86	7	30	102	4	2	8
140	85	7	33	101	4	1	7
139	84	7	37	100	3	1	6
138	81	7	41	99	2	1	5
137	80	7	45	98	2	1	4
-----	-----	-----	-----	-----	-----	-----	-----
136	79	7	50	97	1	1	4
135	76	6	54	96	1	1	3
134	73	6	59	95	1	1	2
133	69	6	64	94	1	1	2
132	67	6	69	93	1	1	2
131	65	6	75	92	1	1	1
130	63	6	80	91	1	1	1
129	60	6	86	90	1	1	1
128	56	5	91				

TABLE 7. SECRETARIAL TRAINING
PROJECT MINI-SCORE TRAINING NORMS
GATB B-1002 FORM-B (NCS ANSWER SHEETS) APTITUDE SCORES
APTITUDE K -- MOTOR COORDINATION

SAMPLE SIZE = 296, MEAN = 118.12, S.D. = 16.78

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
159	99	9	1	119	51	5	96
158	99	9	2	118	49	5	99
157	99	9	2	117	45	5	95
156	99	9	2	116	42	5	90
155	99	9	3	115	39	4	85
154	99	9	3	114	36	4	81
153	99	9	4	113	35	4	76
152	99	9	4	112	34	4	72
151	98	9	5	111	32	4	67
150	98	9	6	110	30	4	63
149	97	9	7	109	28	4	59
148	96	8	7	108	26	4	55
147	95	8	9	107	24	4	51
146	95	8	10	106	23	3	47
145	94	8	11				
144	94	8	12				
143	93	8	14				
142	92	8	15				
141	91	8	17				
140	90	8	19				
139	90	8	21	105	21	3	43
138	88	7	24	104	19	3	40
137	87	7	26	103	18	3	37
136	86	7	29	102	18	3	34
135	84	7	31	101	15	3	31
134	83	7	34	100	12	3	28
133	82	7	38	99	12	3	25
132	81	7	41	98	11	2	23
131	79	7	44	97	10	2	21
130	77	7	48	96	9	2	19
129	76	6	52	95	8	2	17
128	73	6	56	94	7	2	15
127	71	6	60	93	6	2	13
126	68	6	64	92	5	2	12
125	65	6	68	91	5	2	11
124	64	6	73	90	4	2	9
123	62	6	77	89	4	1	8
122	60	5	82	88	3	1	7
121	58	5	86	87	3	1	6
120	55	5	91	86	2	1	6

Cont.

RAW SCORE	PER-CENTILE	STANINE	CENTOUR	RAW SCORE	PER-CENTILE	STANINE	CENTOUR
-----	-----	-----	-----	-----	-----	-----	-----
85	2	1	5				
84	2	1	4				
83	2	1	4				
82	2	1	3				
81	1	1	3				
80	1	1	2				
79	1	1	2				
78	1	1	2				
77	1	1	1				
76	1	1	1				
-----	-----	-----	-----				
75	1	1	1				
74	1	1	1				
73	1	1	1				
72	1	1	1				
71	1	1	0				
70	1	1	0				
69	1	1	0				
68	1	1	0				
67	1	1	0				
66	1	1	0				
-----	-----	-----	-----				
65	1	1	0				
64	1	1	0				
63	1	1	0				
62	1	1	0				
61	1	1	0				
60	1	1	0				
59	1	1	0				
58	1	1	0				
57	1	1	0				
56	1	1	0				
-----	-----	-----	-----				
55	1	1	0				
54	1	1	0				
53	1	1	0				

APPENDIX D:

RAW PART SCORE PROFILES

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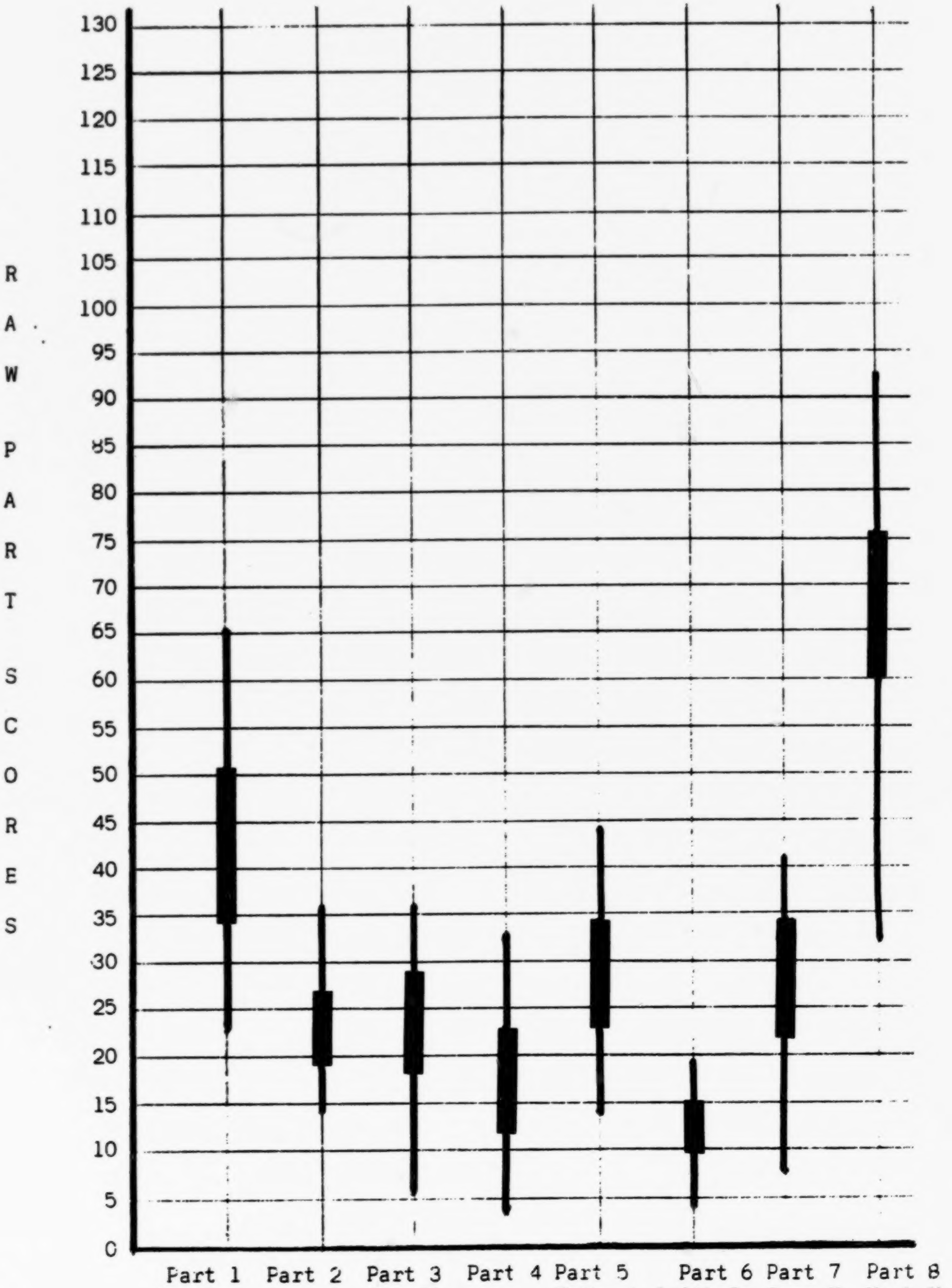
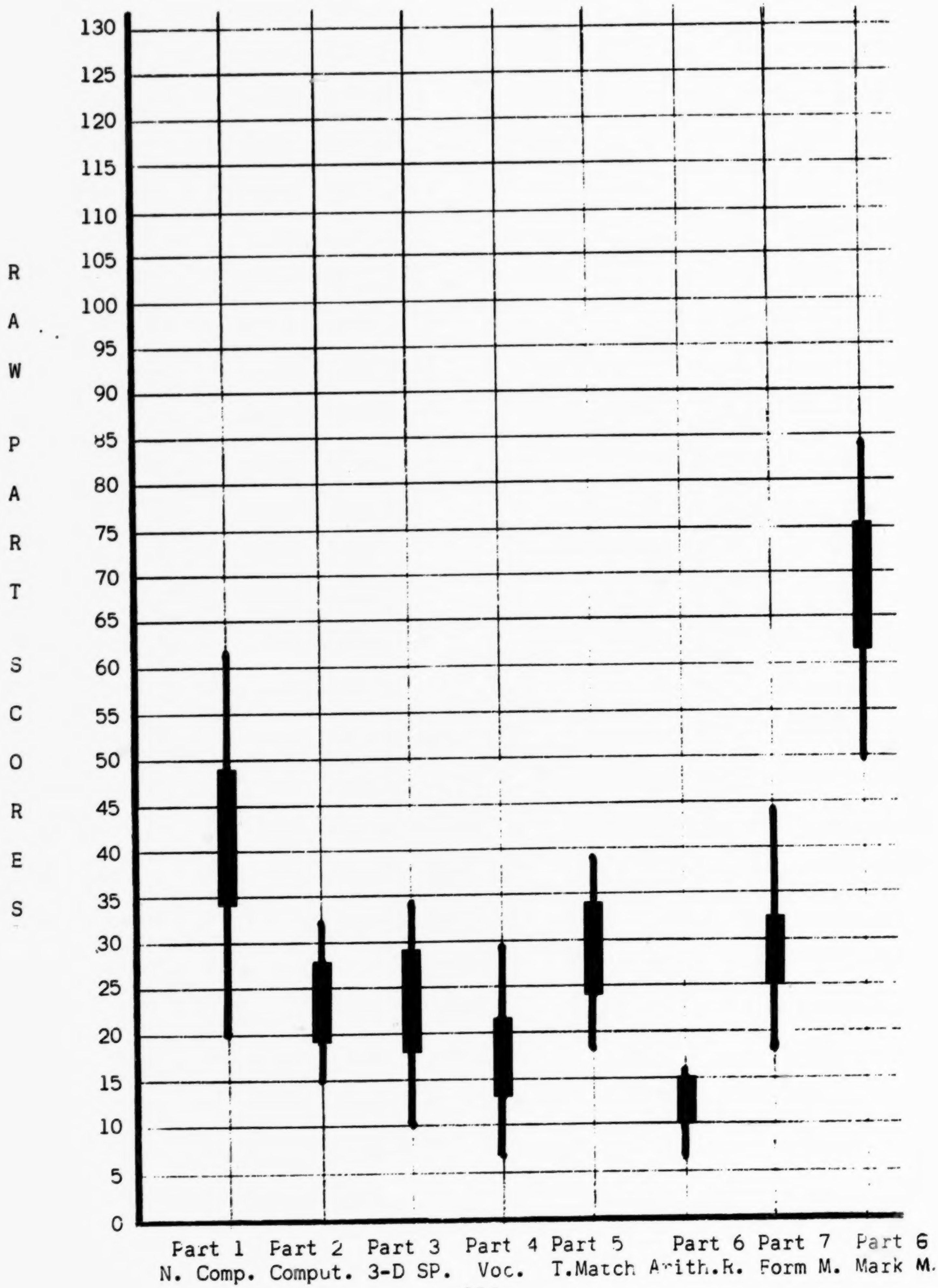
Raw Part Score Student Profile Sheet 164

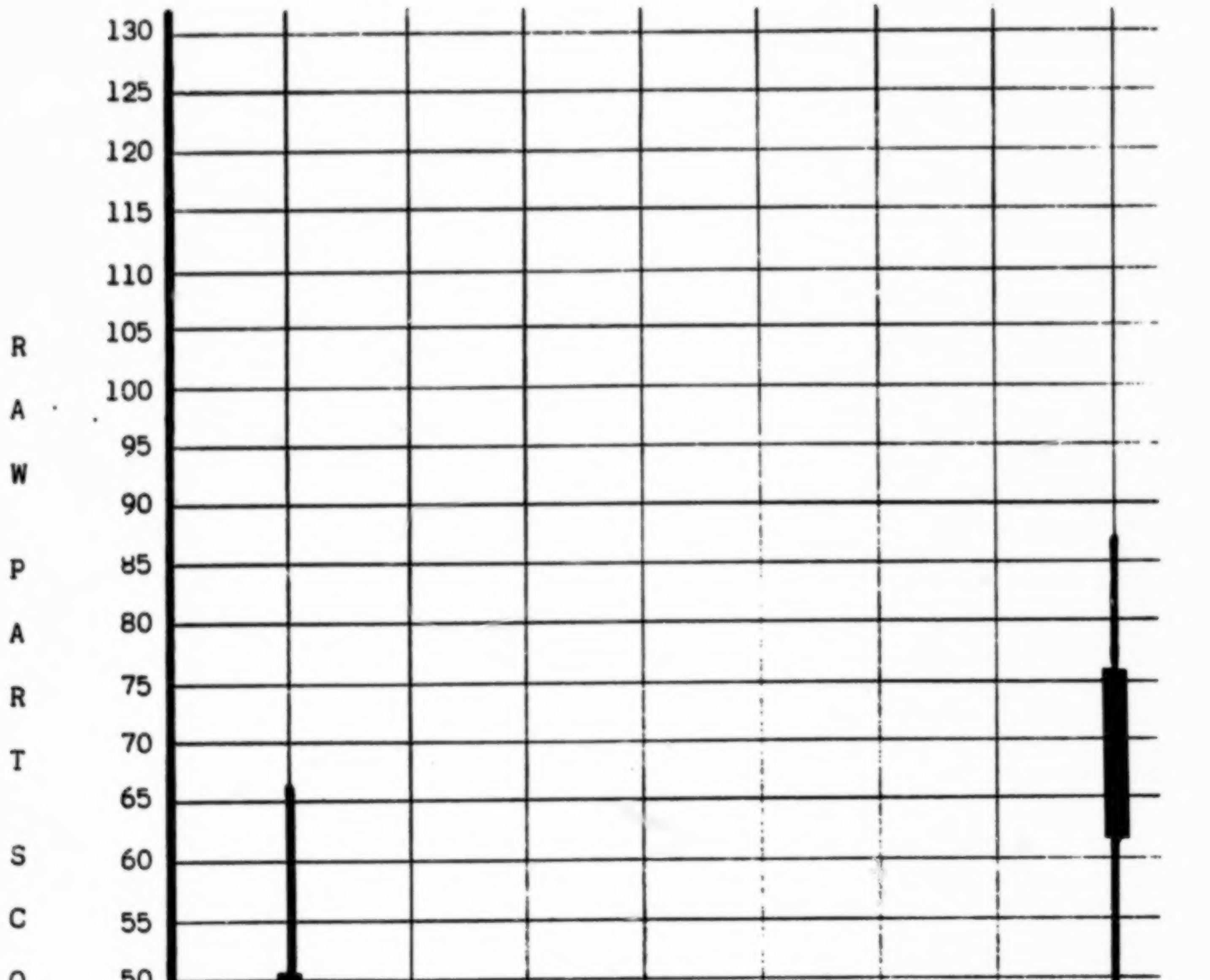
PROJECT MINI-SCORE
GATB RAW PART SCORE
PROFILE SHEET
AUTOMOTIVES



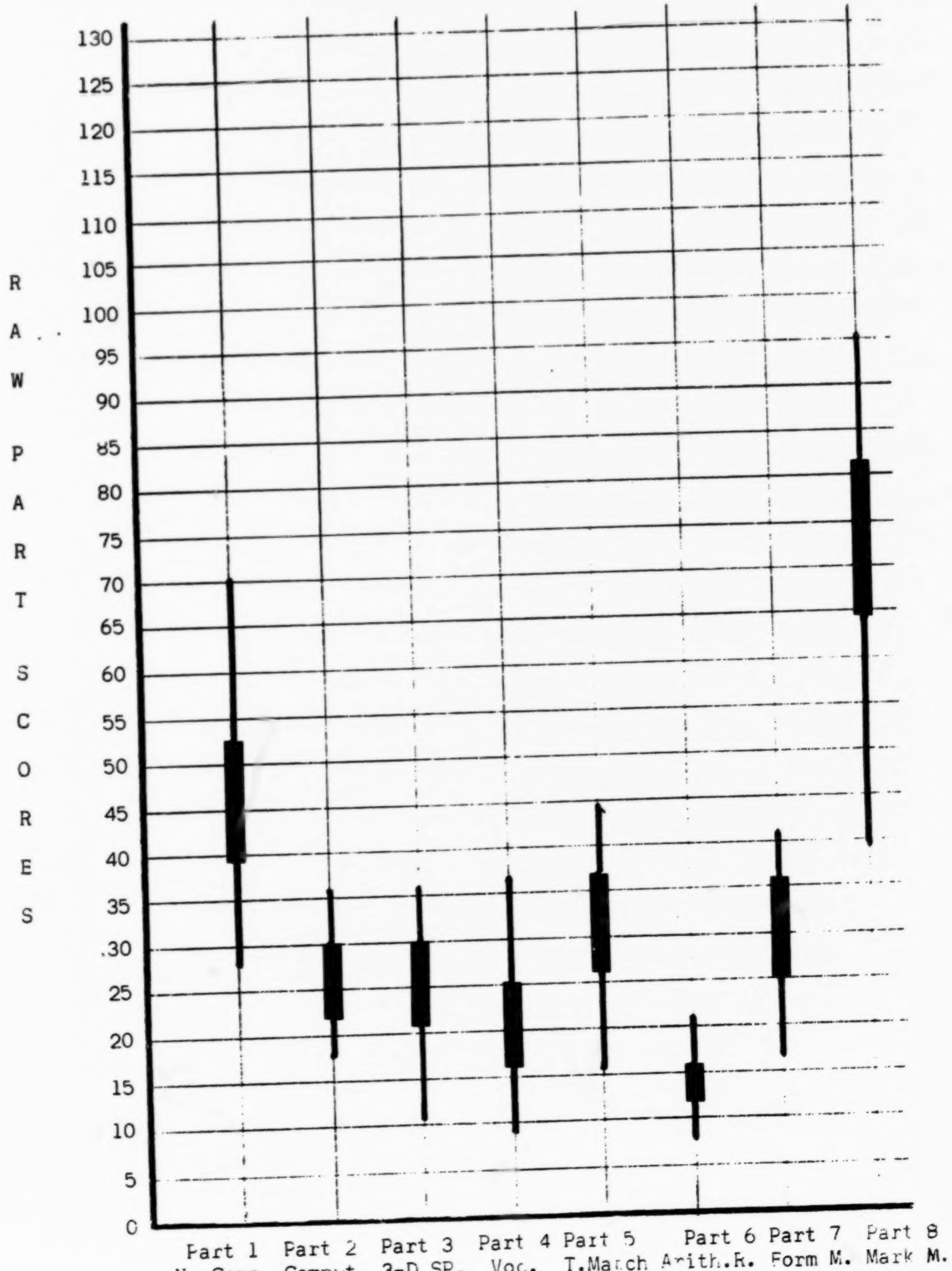
PROJECT MINI-SCORE
GATB RAW PART SCORE
PROFILE SHEET
CARPENTRY



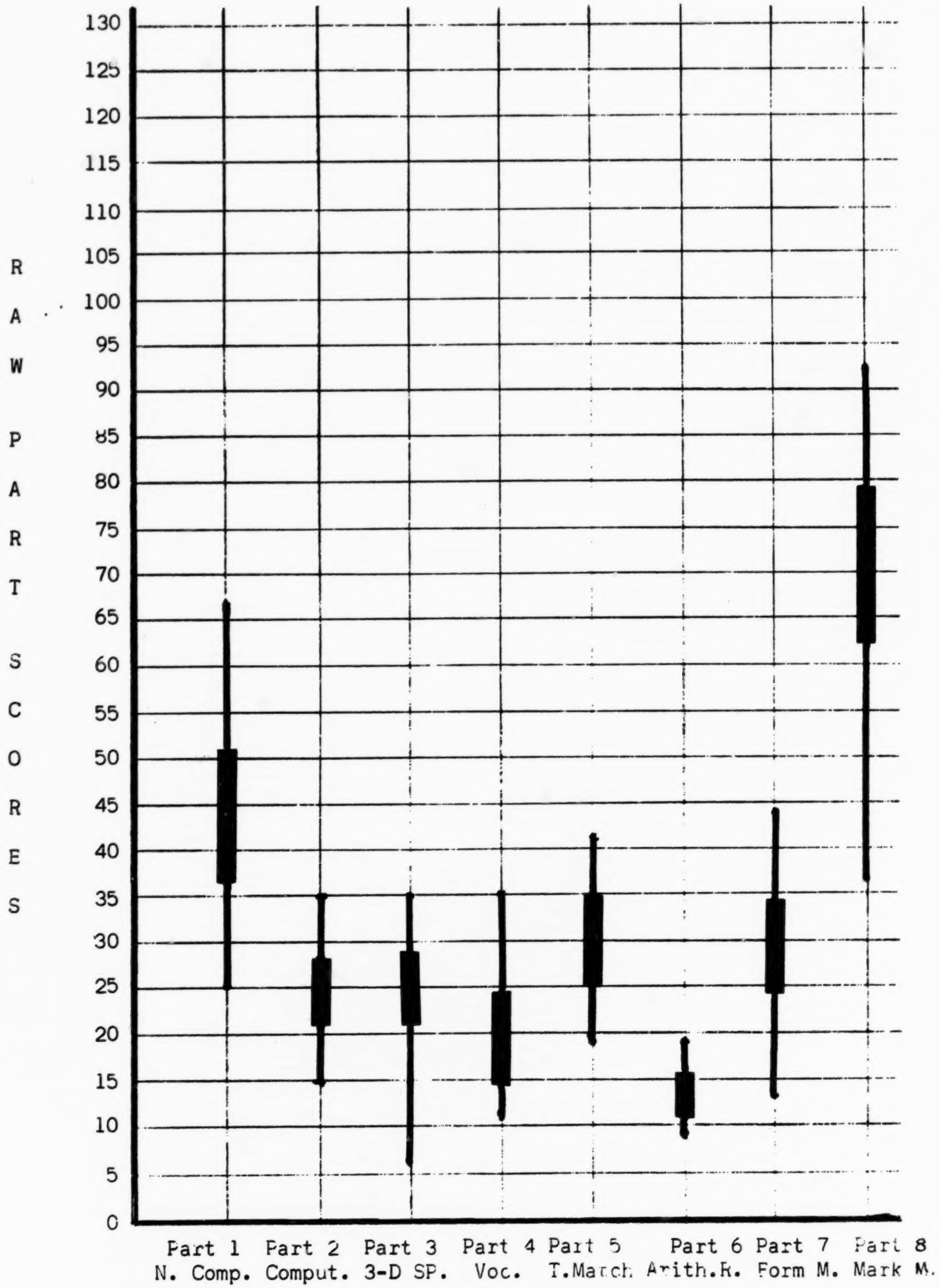
PROJECT MINI-SCORE
GATB RAW PART SCORE
PROFILE SHEET
MACHINE SHOP



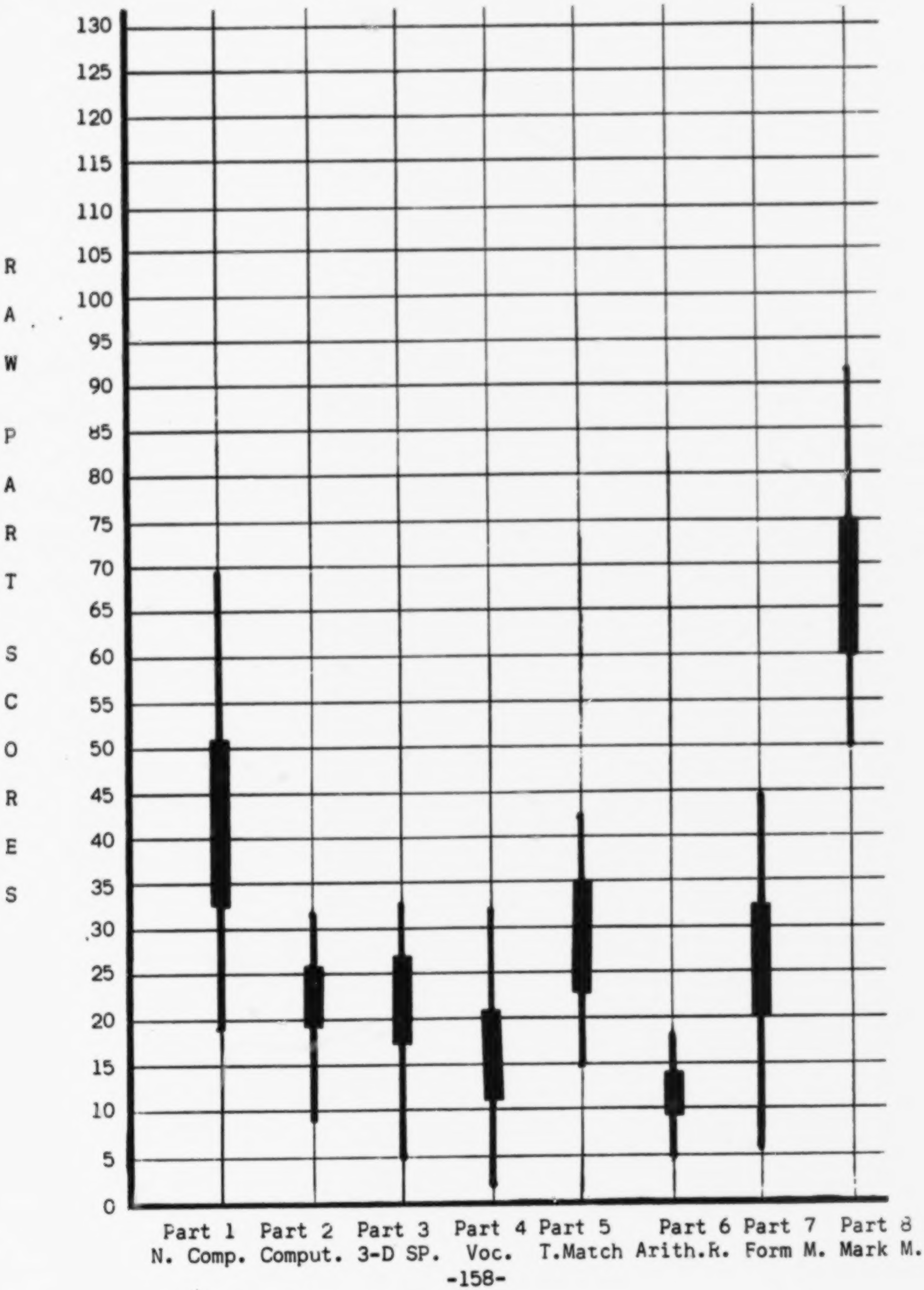
PROJECT MINI-SCORE
GATB RAW PART SCORE
PROFILE SHEET
MECHANICAL DRAFTING & DESIGN



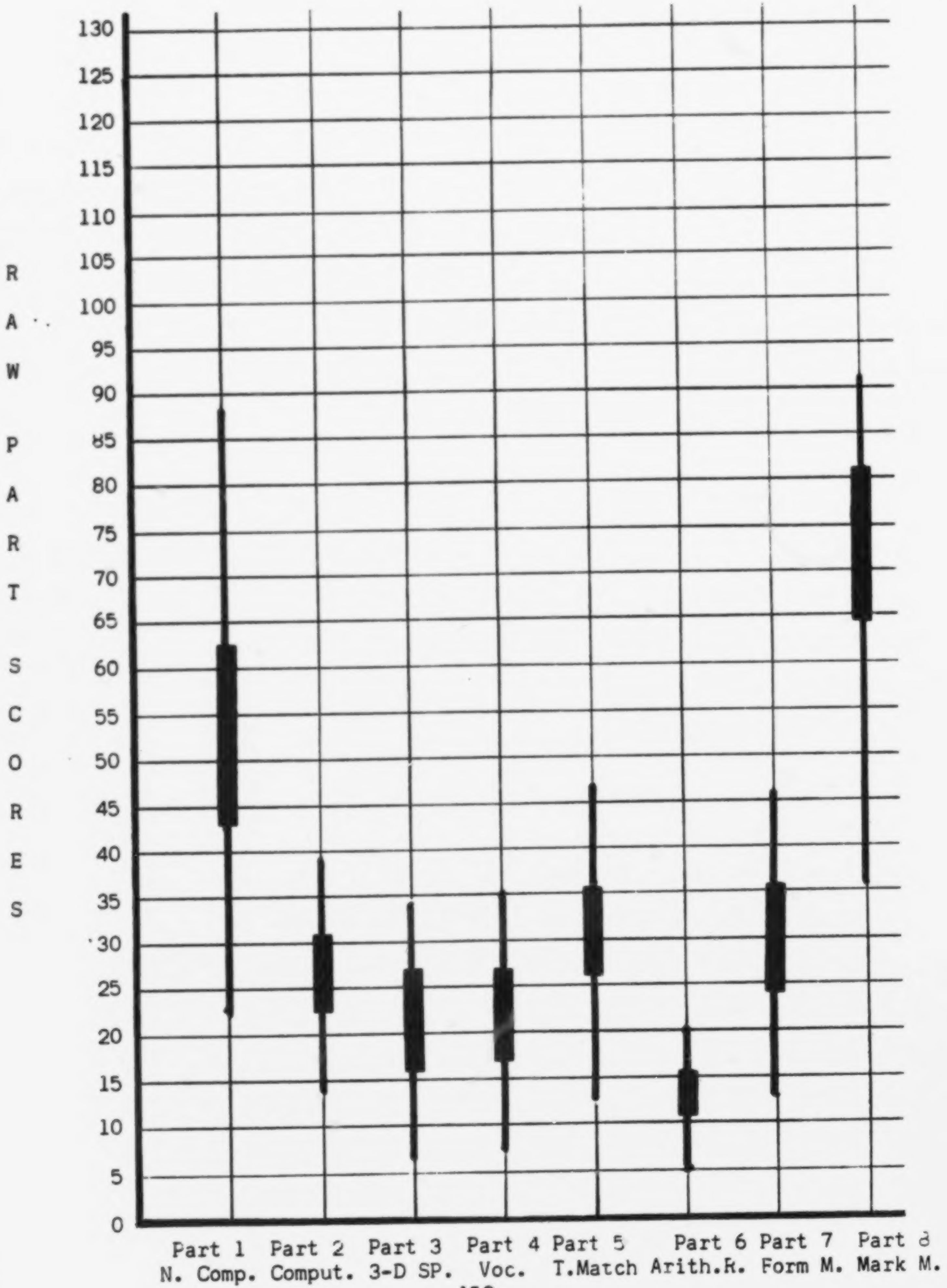
PROJECT MINI-SCORE
GATB RAW PART SCORE
PROFILE SHEET
POWER & HOME ELECTRICITY



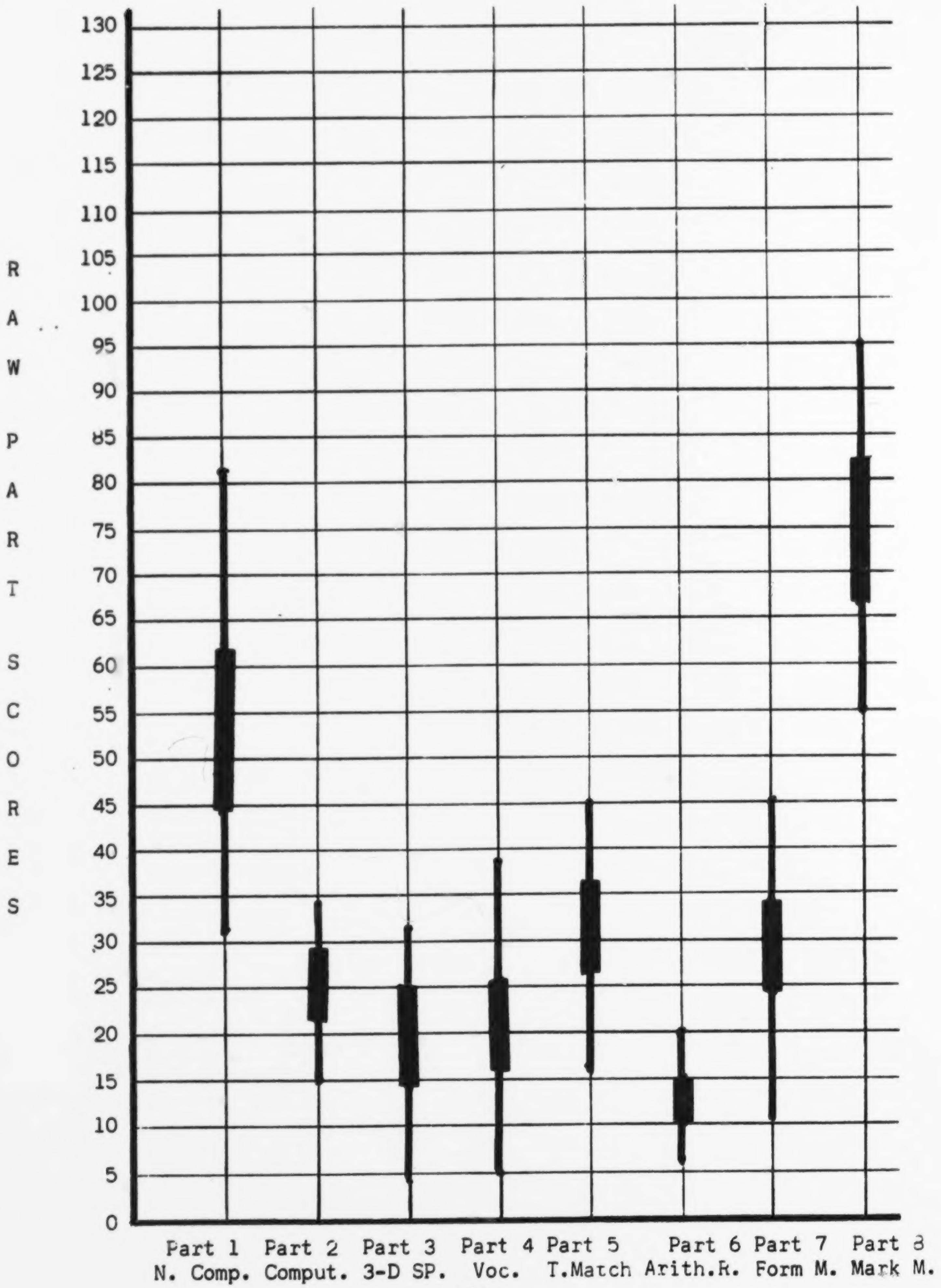
PROJECT MINI-SCORE
GATB RAW PART SCORE
PROFILE SHEET
WELDING



PROJECT MINI-SCORE
GATB RAW PART SOCRE
PROFILE SHEET
ACCOUNTING



PROJECT MINI-SCORE
GATB RAW PART SCORE
PROFILE SHEET
CLERICAL TRAINING



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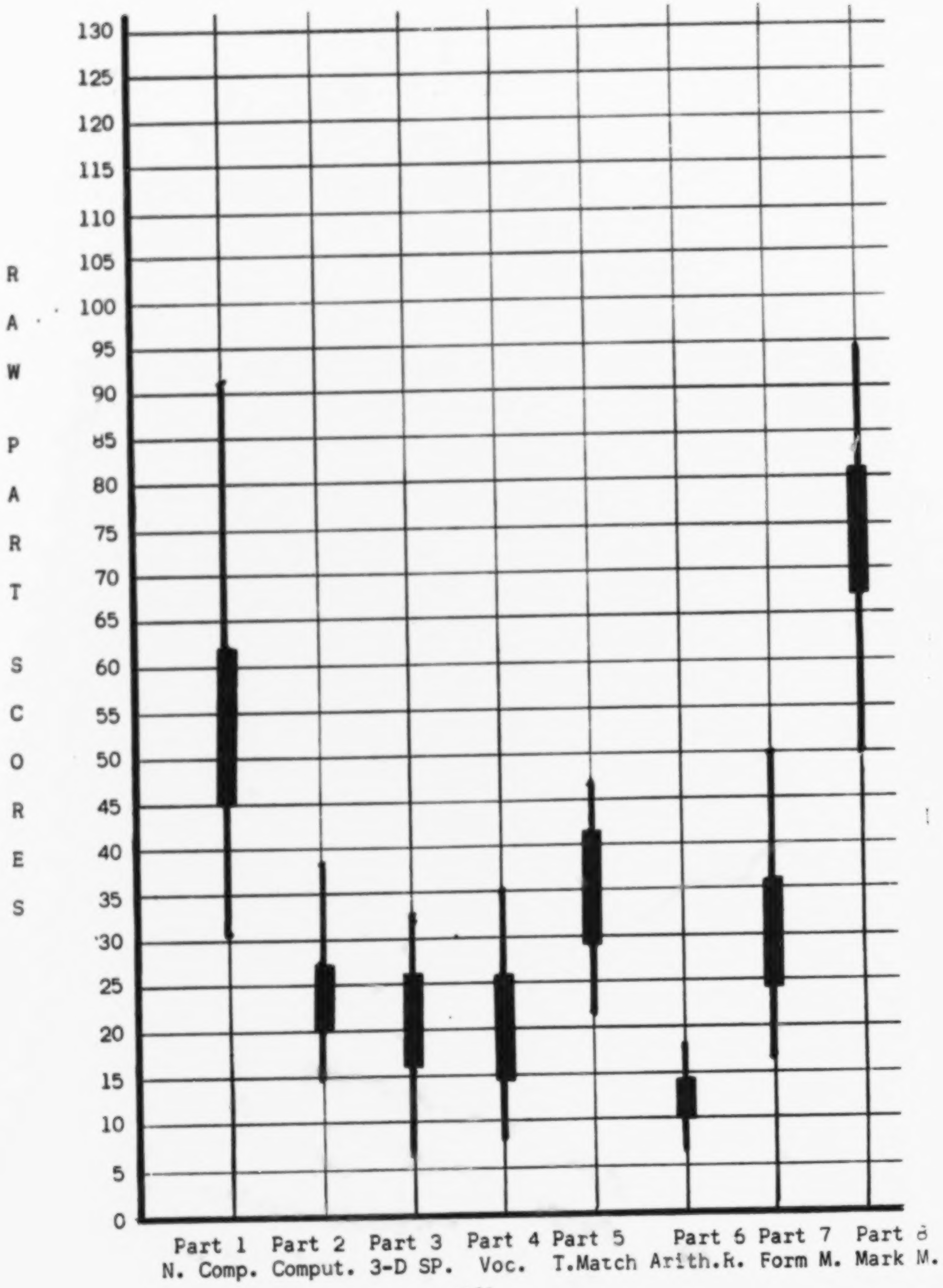
GATB RAW PART SCORE
PROFILE SHEET
COSMETOLOGY



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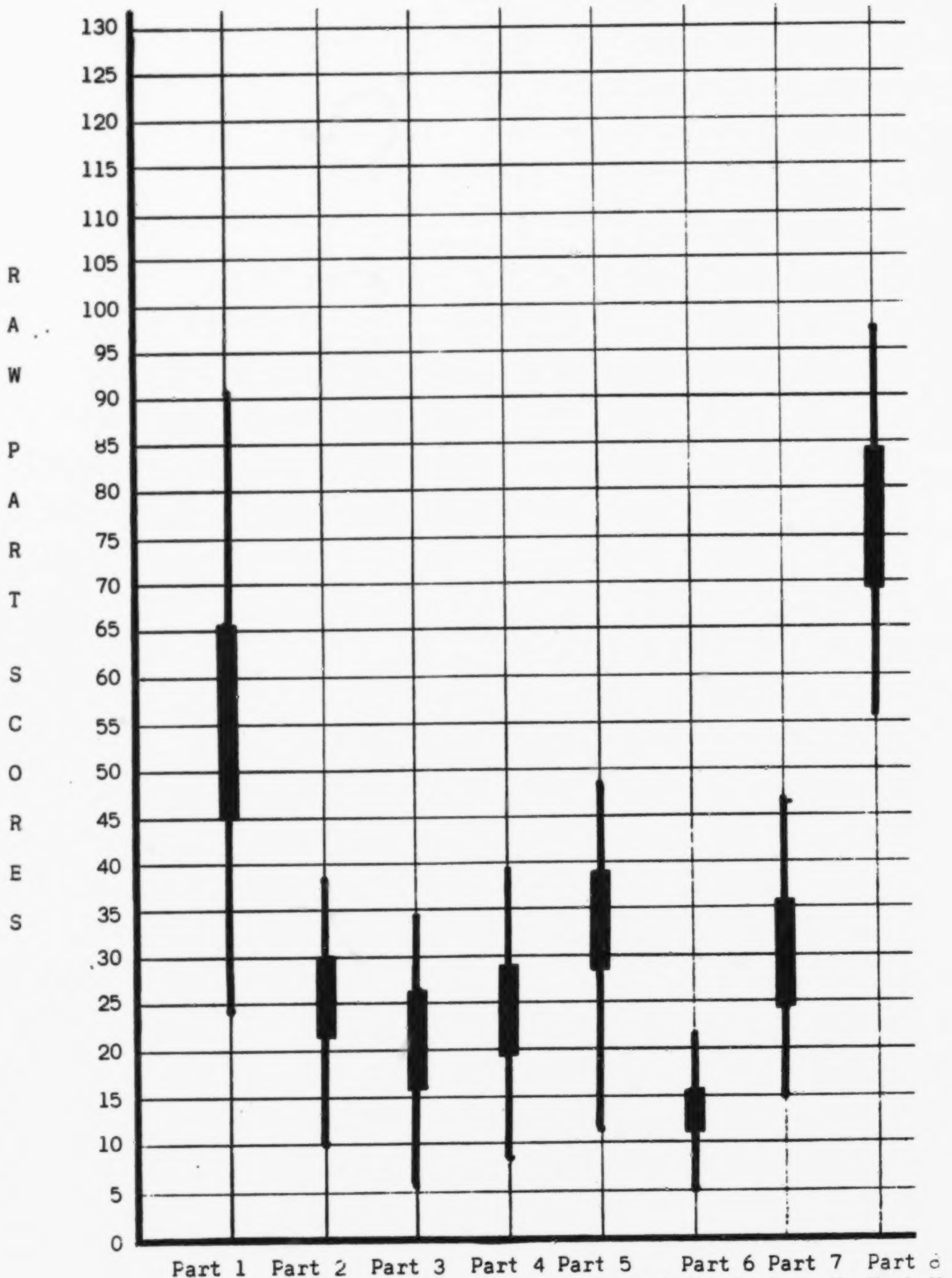
PROFILE SHEET
PRACTICAL NURSING



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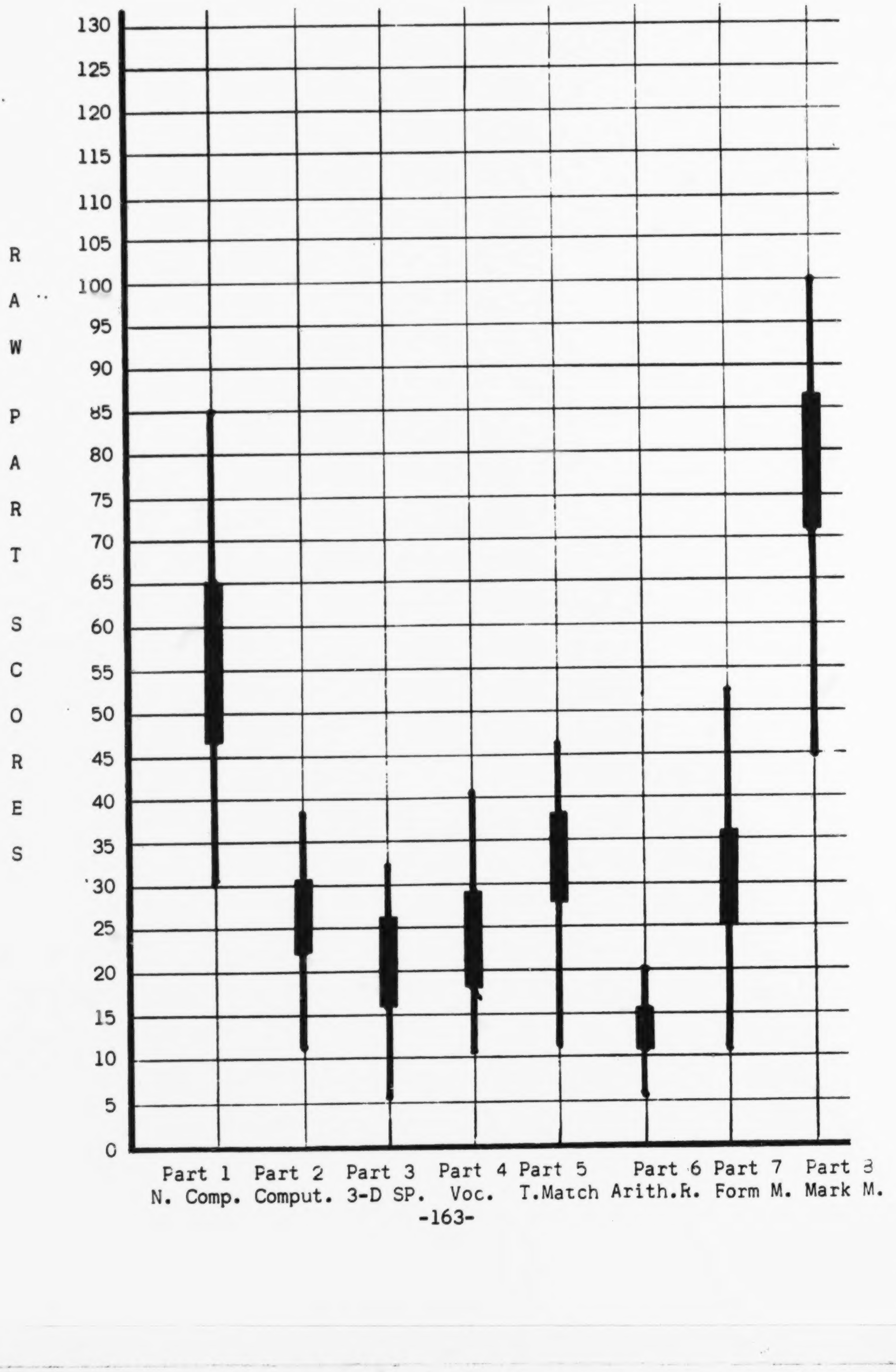
PROFILE SHEET
SECRETARIAL TRAINING



NAME________________________________ DATE______________

HOME ADDRESS______________________________

City_____________________ State______________ Zip______

PROGRAM DESIRED___________________________

APTITUDE SCORES

	G Int.	V Verbal	N Num.	S Spatial	P Form P.	Q Clerical	K Motor
185							
180							
175							
170							
165							
160							
155							
150							
145							
140							
135							
130							
125							
120							
115							
110							
105							
100							
95							
90							
85							
80							
75							
70							
65							
60							
55							
50							
45							
40							
35							
30							
25							
20							

PROJECT MINI-SCORE GATB RAW PART SCORE STUDENT PROFILE SHEET

APPENDIX E

APTITUDE SCORE PROFILES

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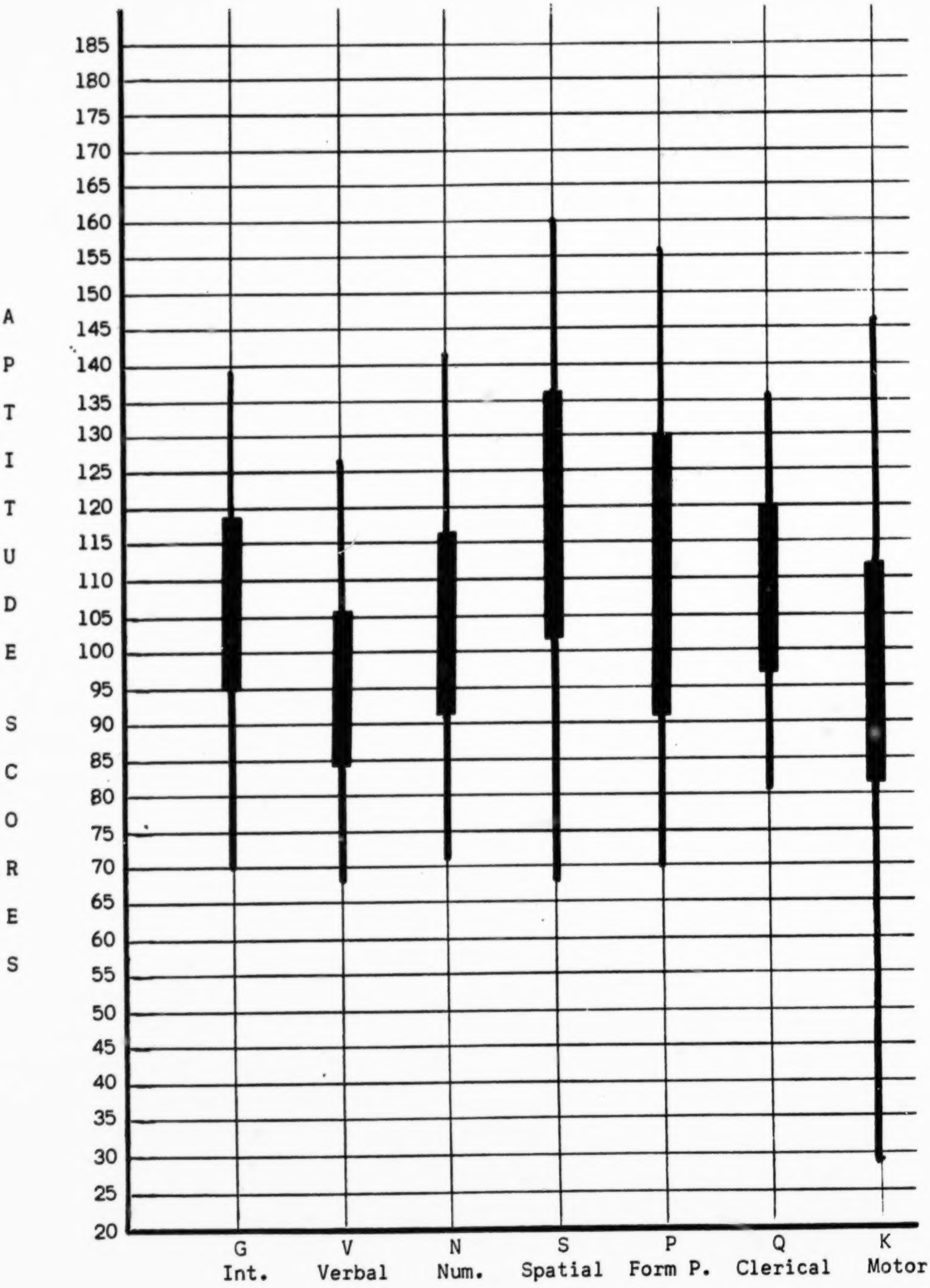
PROJECT MINI-SCORE
GATB APTITUDE SCORE
PROFILE SHEET
AUTOMOTIVES



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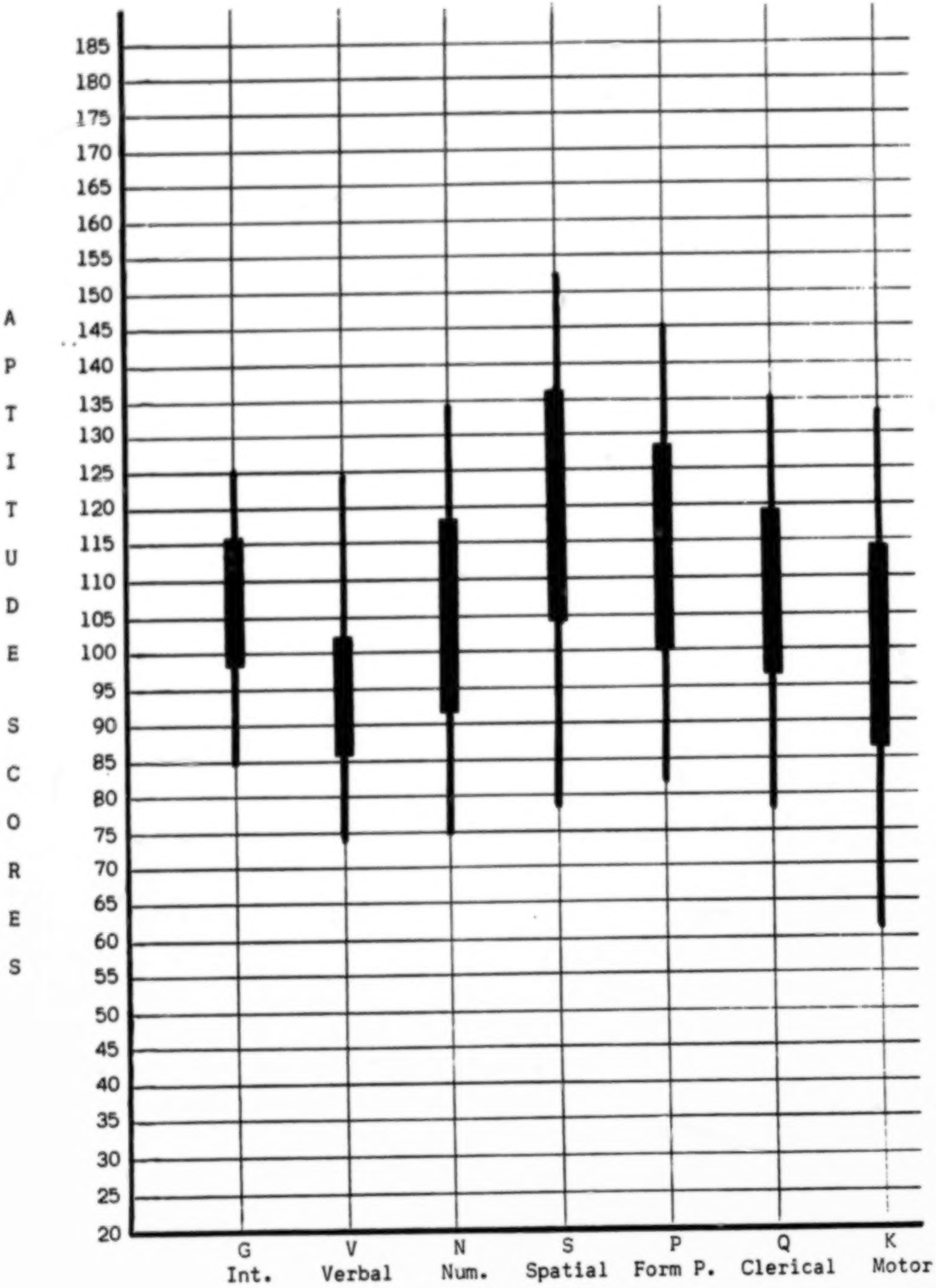
GATB APTITUDE SCORE
PROFILE SHEET
CARPENTRY



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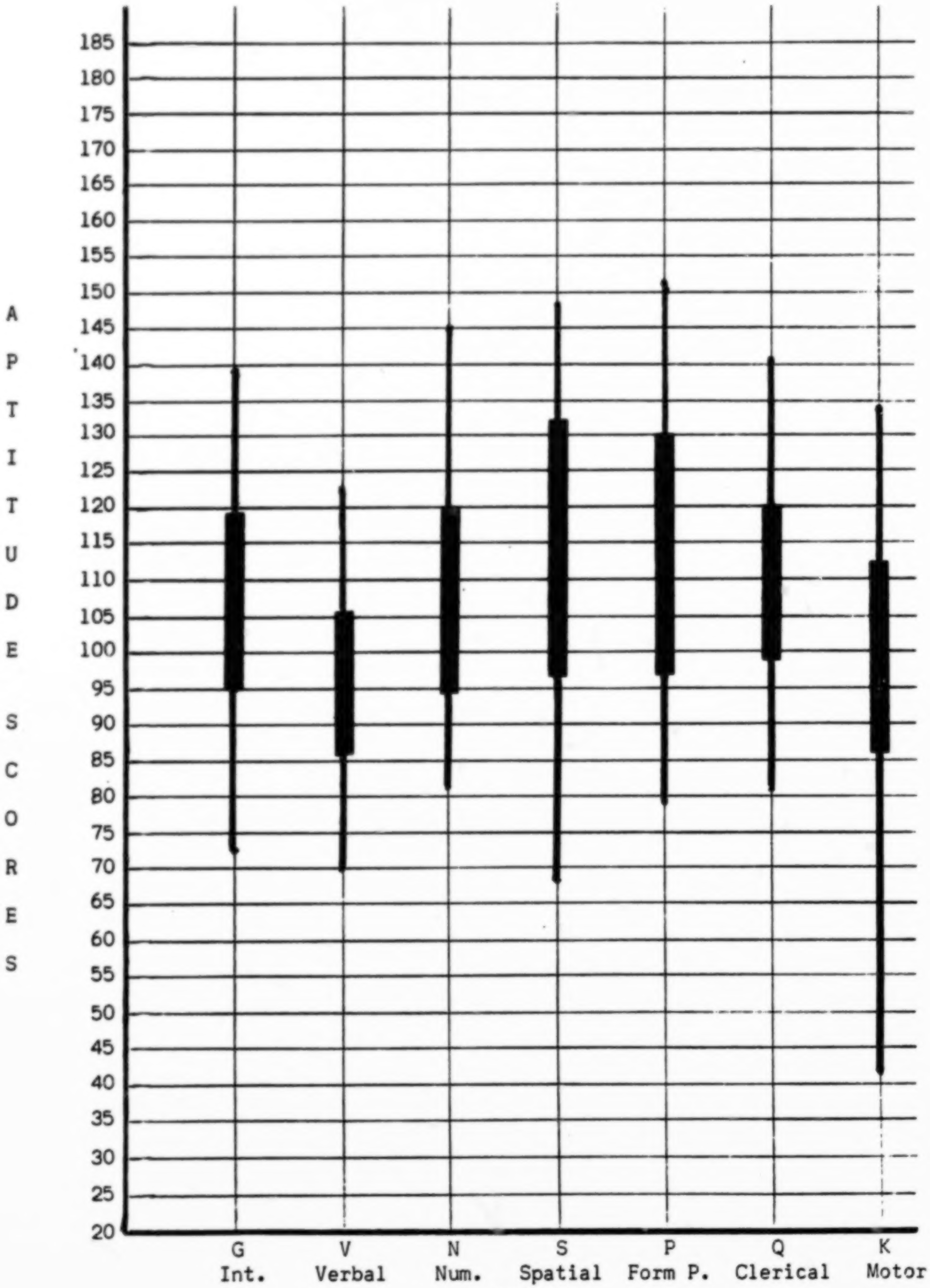
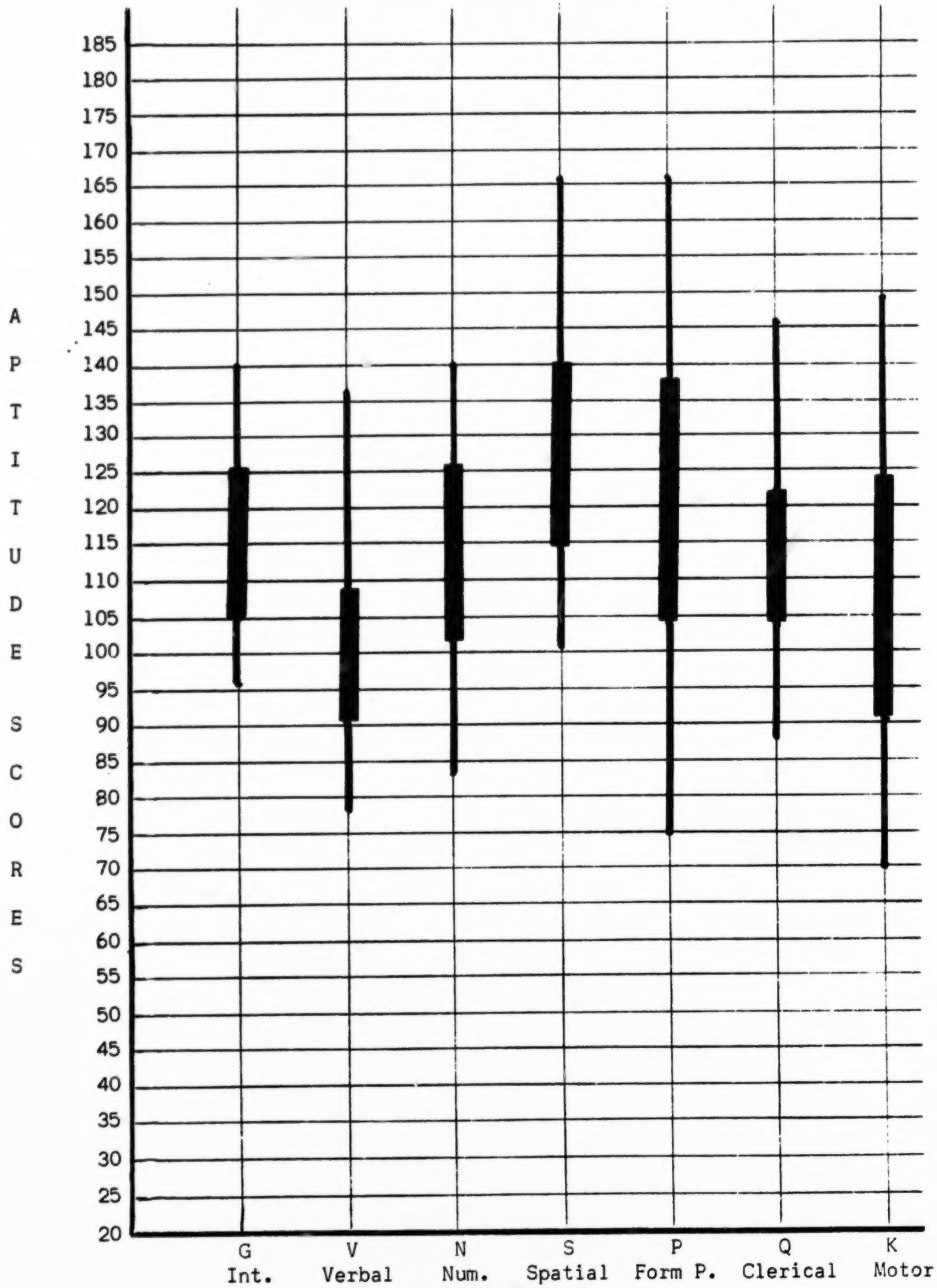
GATB APTITUDE SCORE
PROFILE SHEET
MACHINE SHOP



PROJECT MINI-SCORE
GATB APTITUDE SCORE
PROFILE SHEET
MECHANICAL DRAFTING & DESIGN



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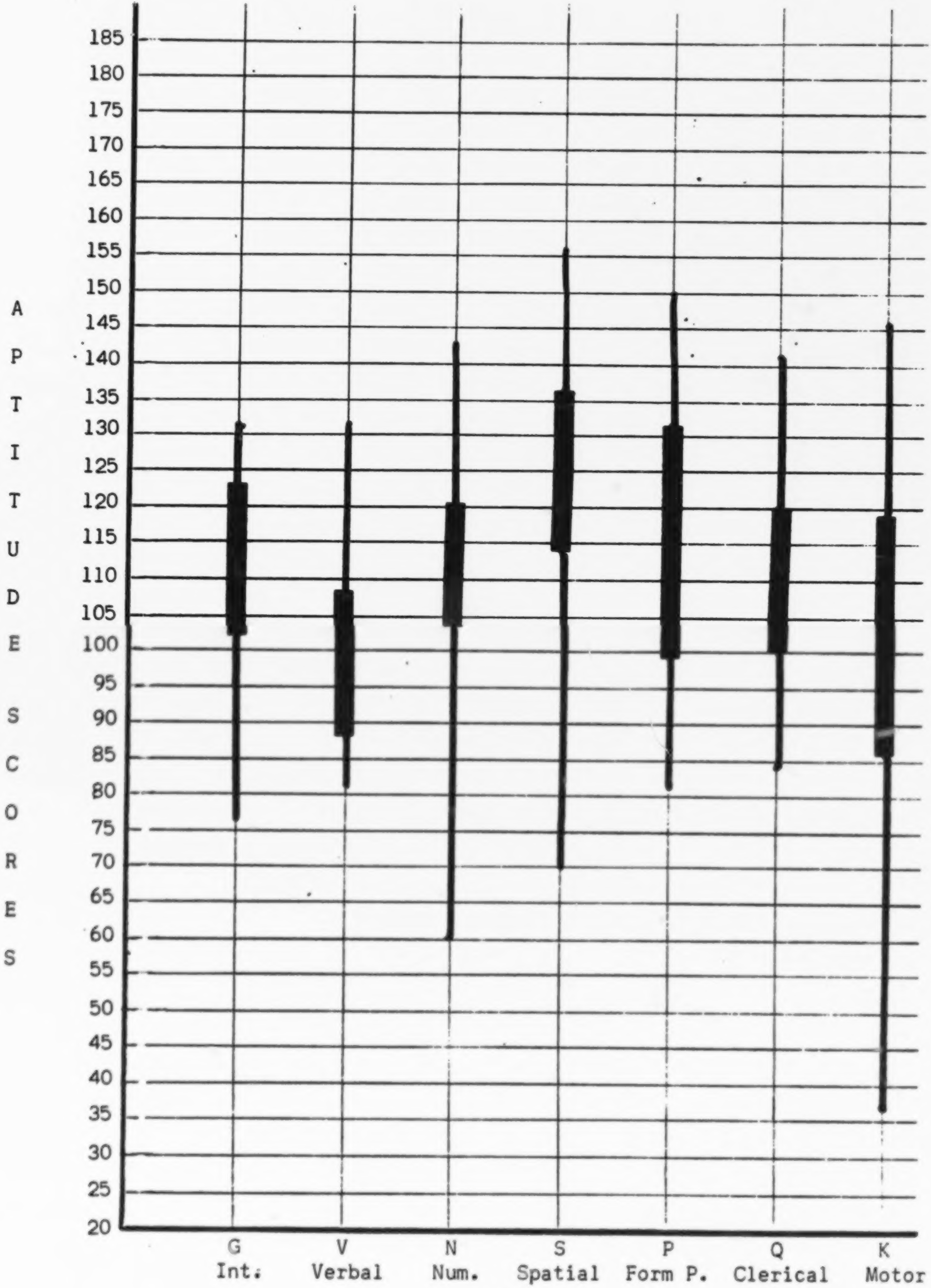
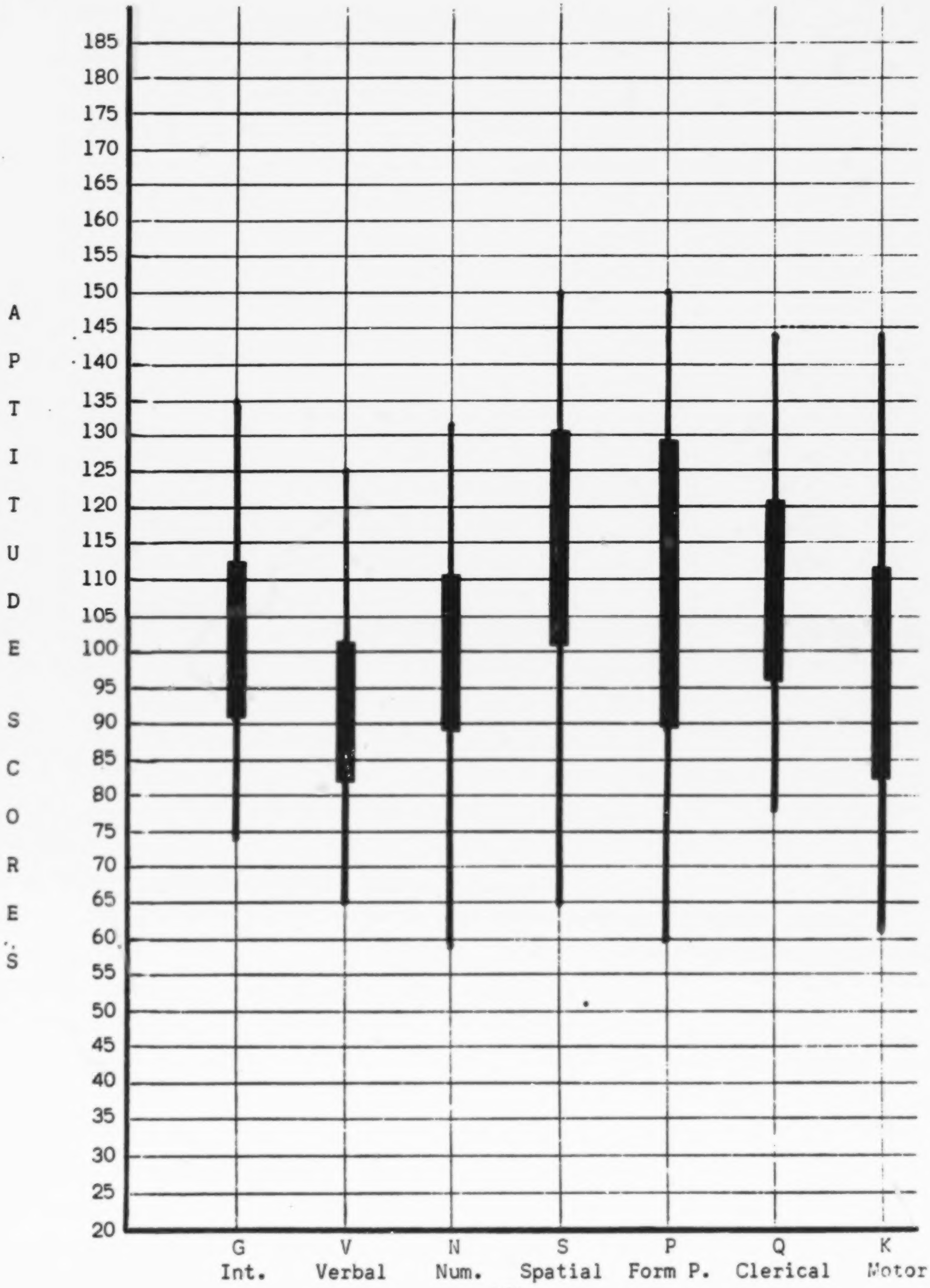
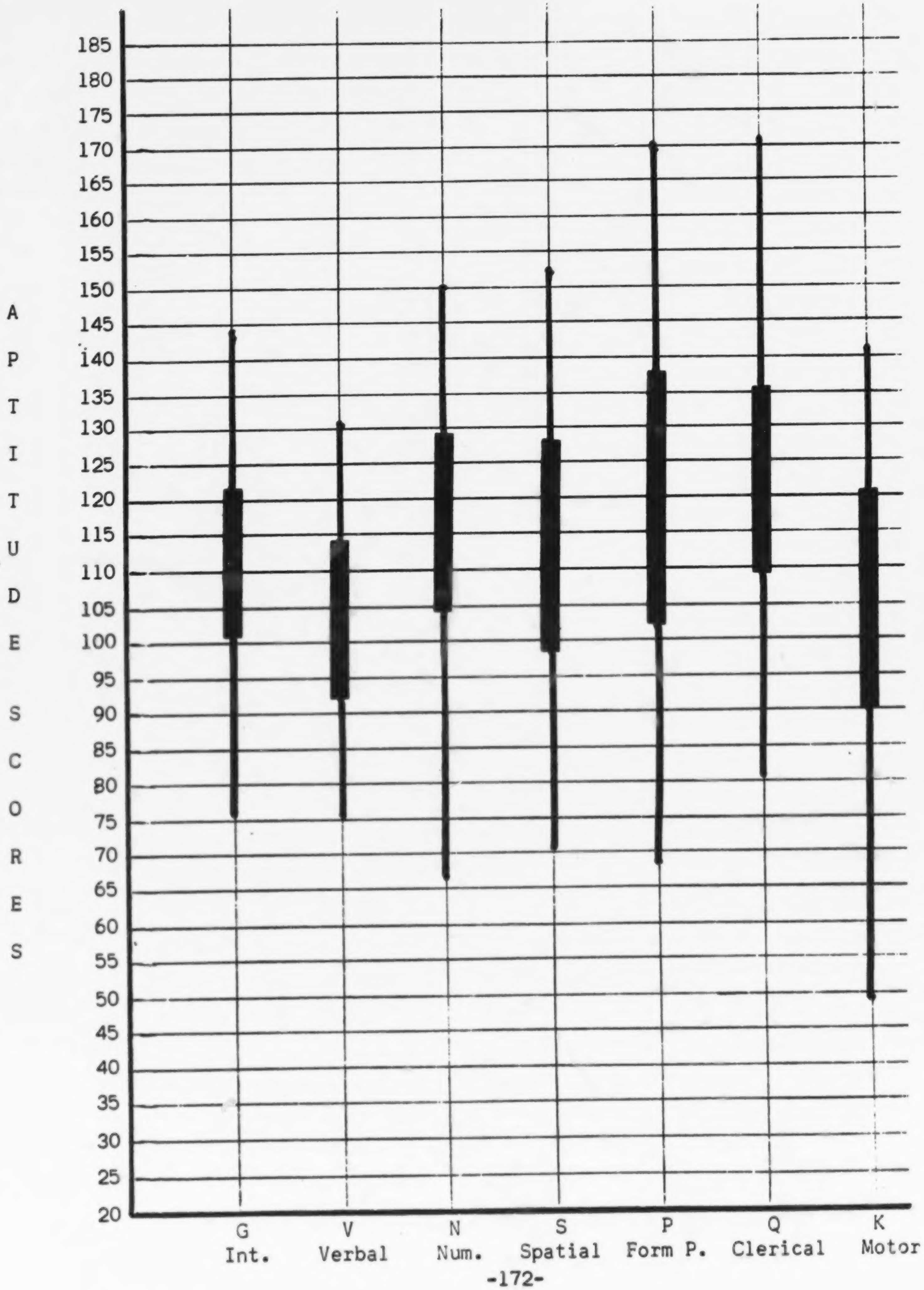
GATB APTITUDE SCORE
PROFILE SHEET
POWER & HOME ELECTRICITY



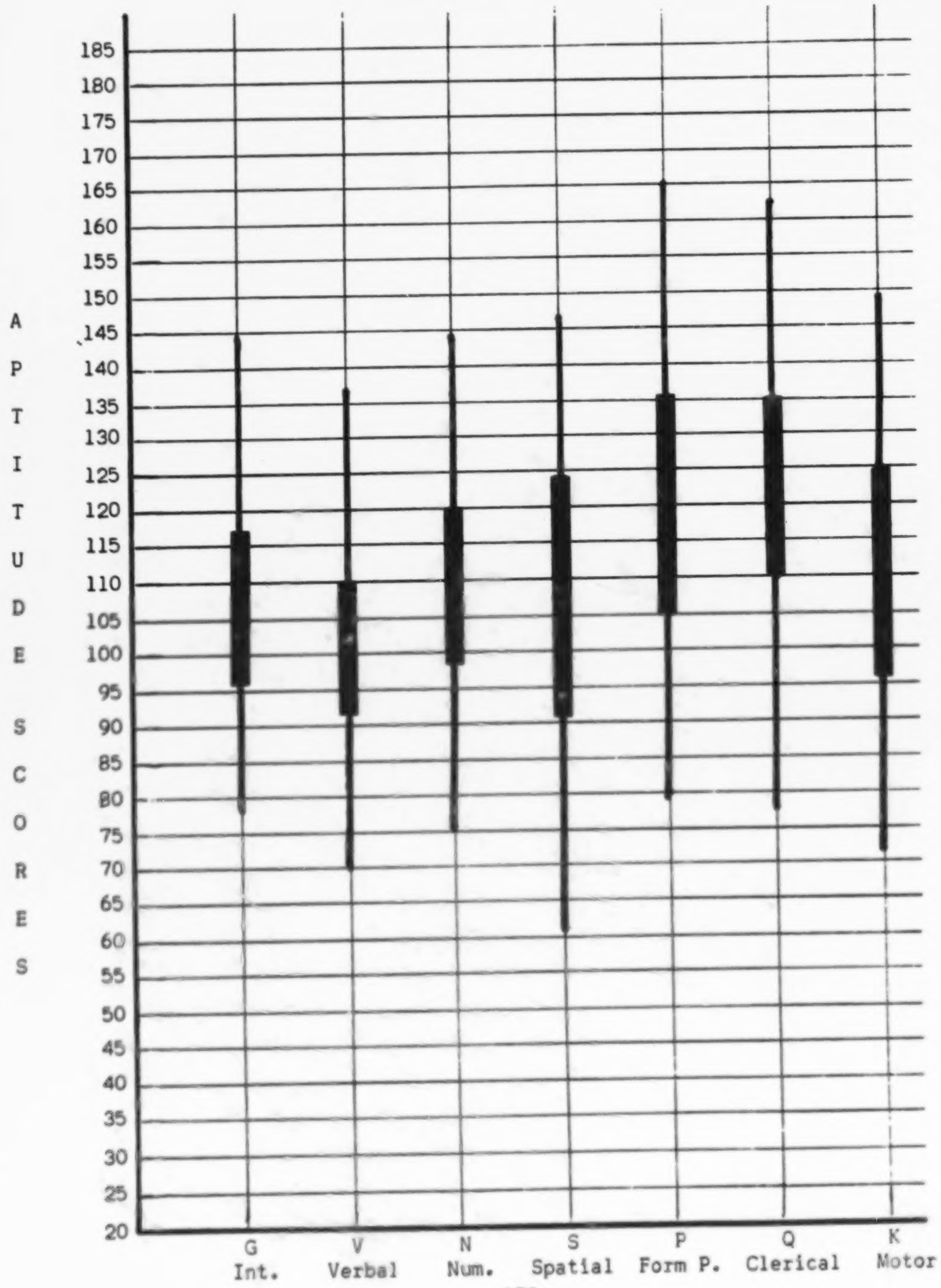
PROJECT MINI-SCORE
GATB APTITUDE SCORE
PROFILE SHEET
WELDING



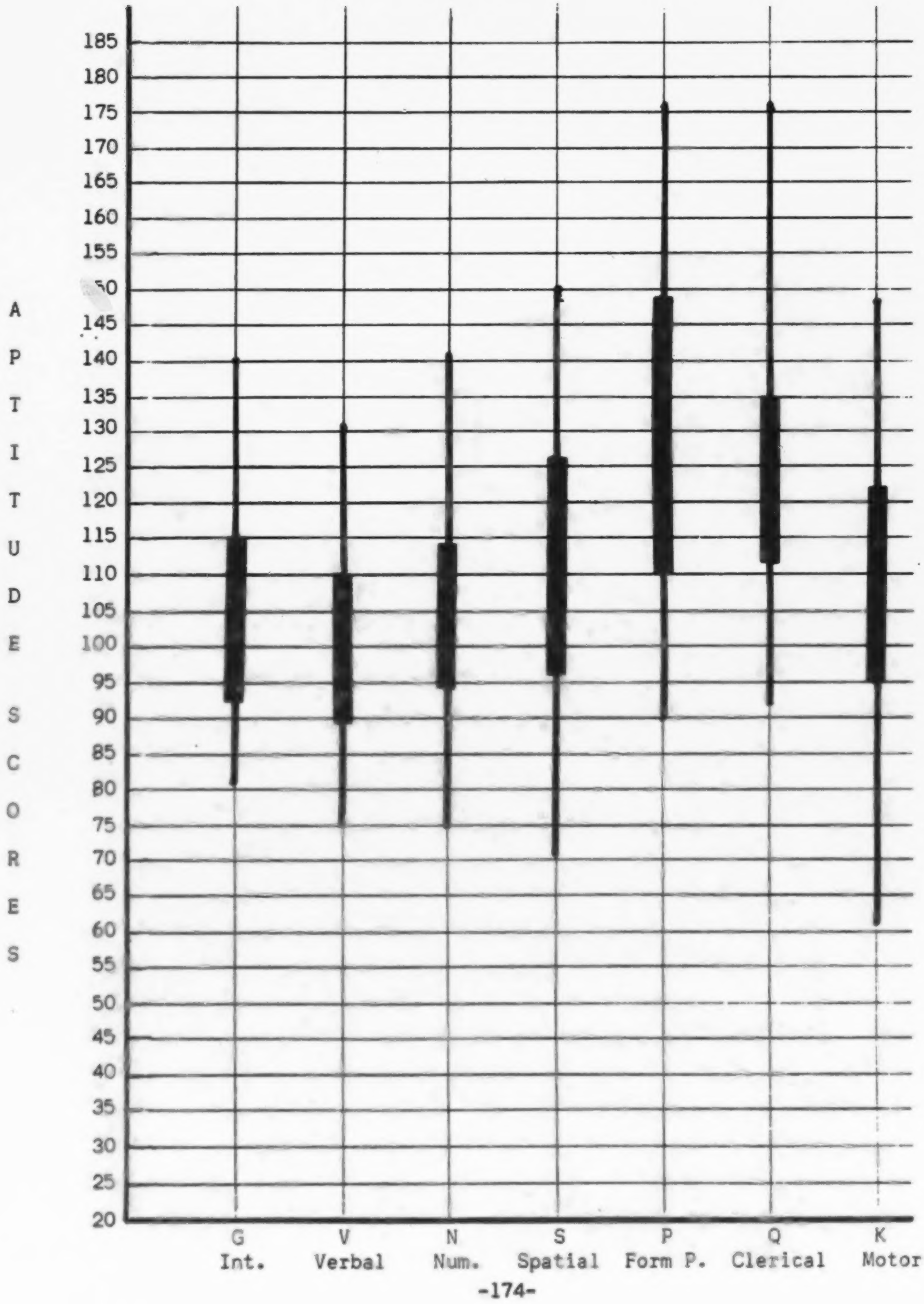
PROJECT MINI-SCORE
GATB APTITUDE SCORE
PROFILE SHEET
ACCOUNTING



PROJECT MINI-SCORE
GATB APTITUDE SCORE
PROFILE SHEET
CLERICAL TRAINING



PROJECT MINI-SCORE
GATB APTITUDE SCORE
PROFILE SHEET
COSMETOLOGY



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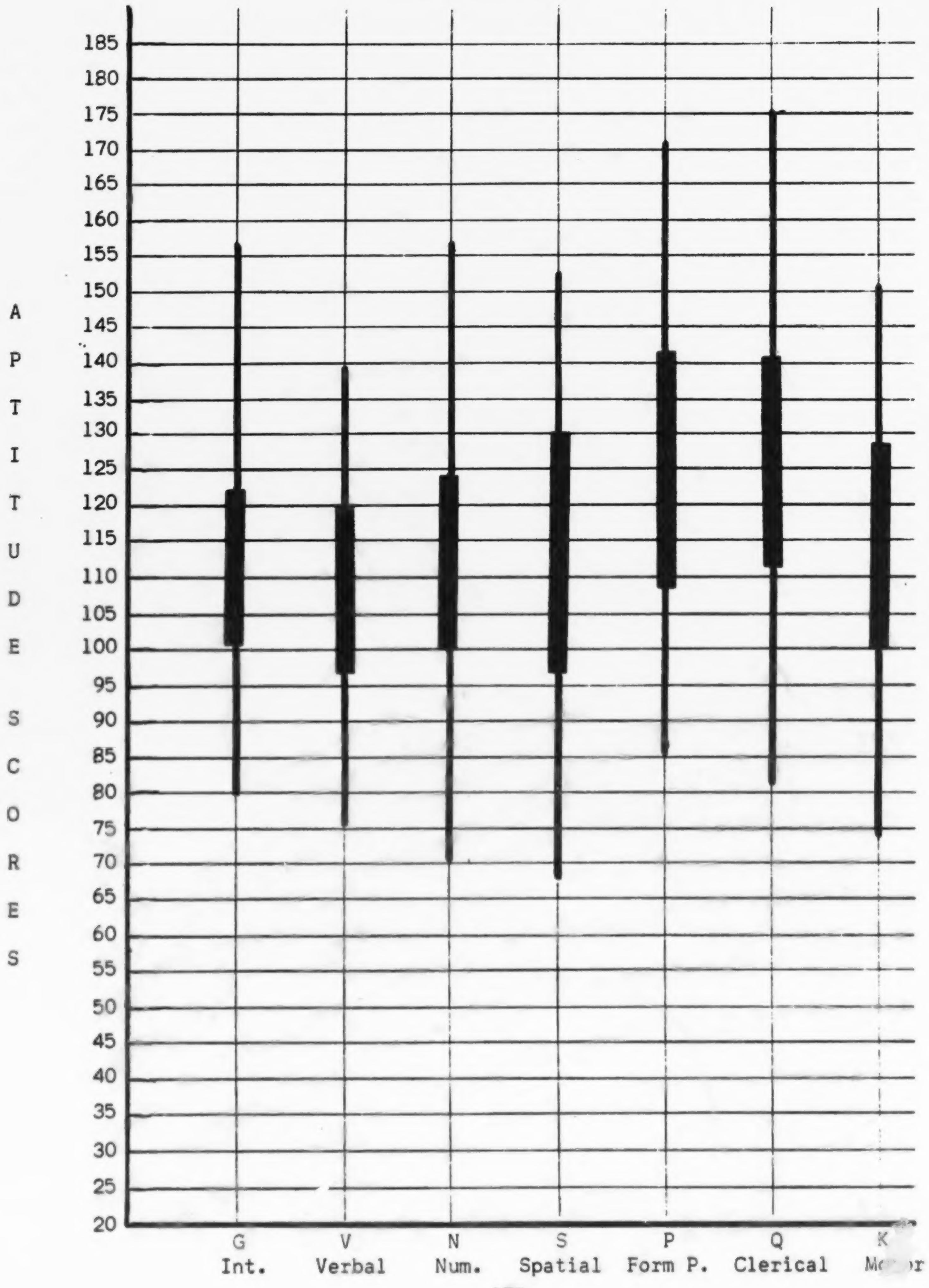
PROFILE SHEET
PRACTICAL NURSING



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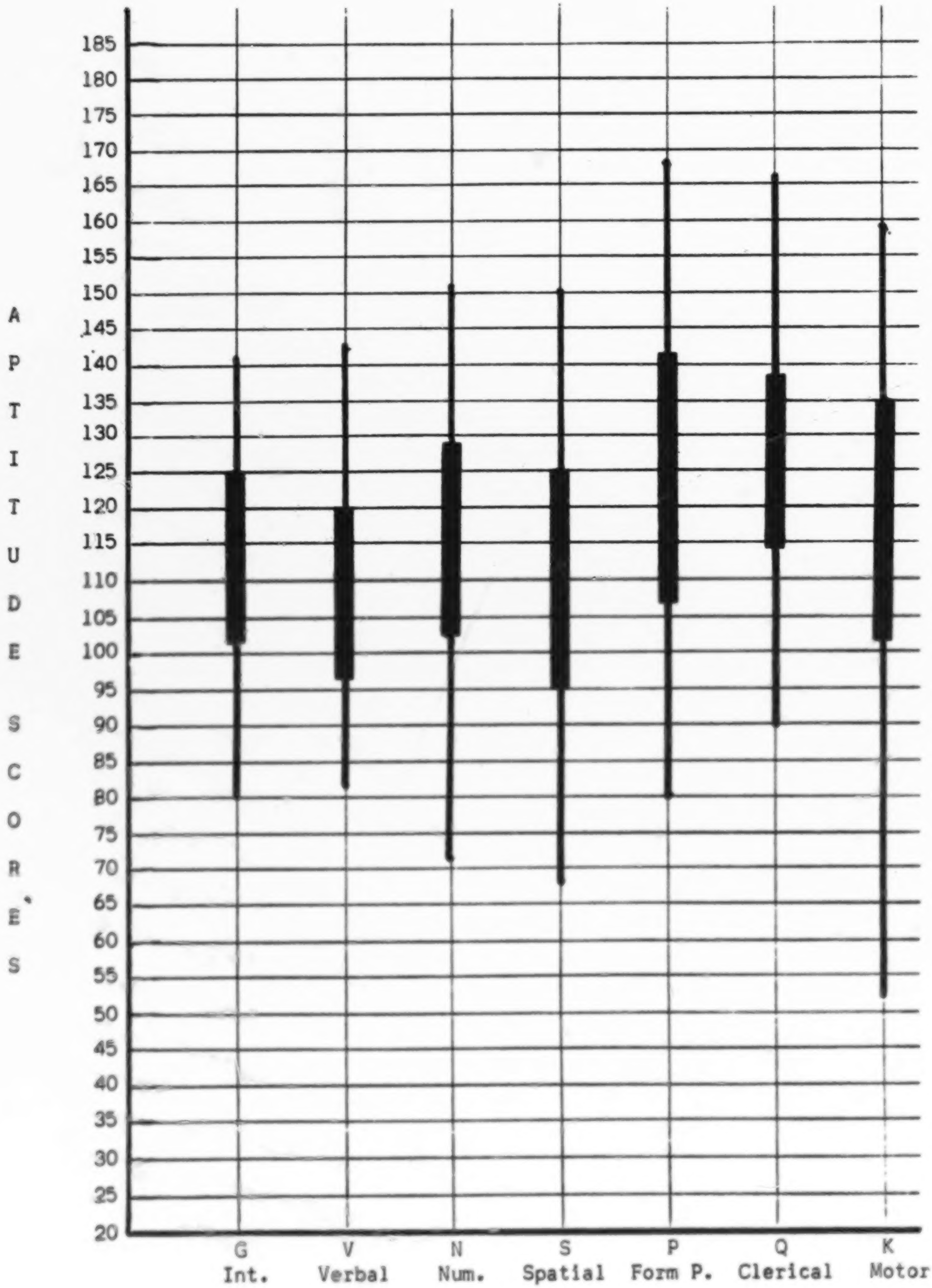
PROFILE SHEET
SECRETARIAL TRAINING

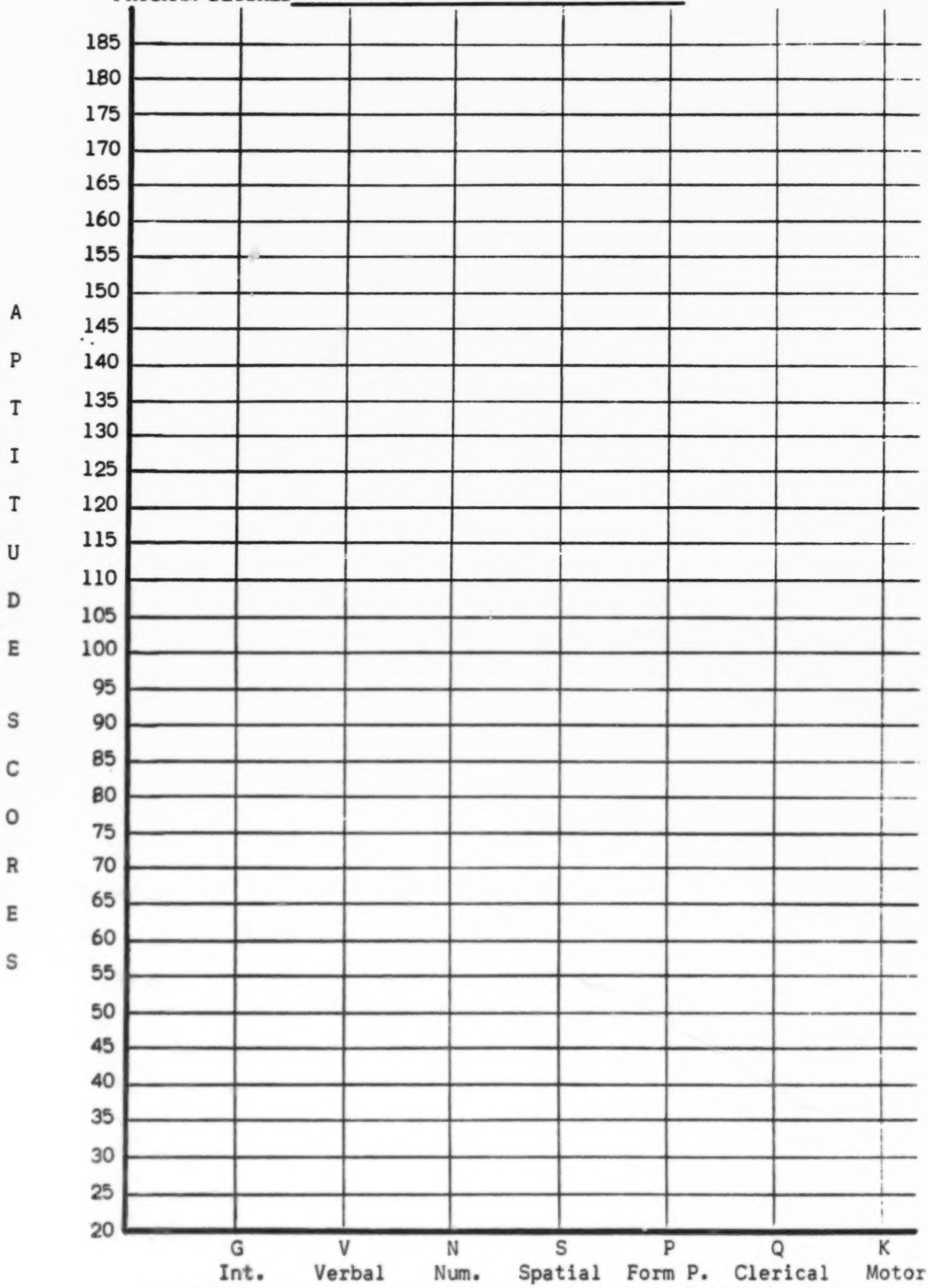


NAME____DATE__________________

HOME ADDRESS____________________________________

City____________________________State___________________Zip______

PROGRAM DESIRED_________________________________



PROJECT MINI-SCORE GATB APTITUDE SCORE STUDENT PROFILE SHEET